

# CONFIDENTIAL

## STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐  
(highlight changes)

<b>APPLICATION FOR PERMIT TO DRILL</b>			5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ML-42175</b>	
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER: _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			7. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: <b>DOMINION EXPL. &amp; PROD. INC.</b>			8. WELL NAME and NUMBER: <b>STATE 5-36E</b>	
3. ADDRESS OF OPERATOR: <b>16945 NORTCHASE DRIVE, SUITE 1750 HOUSTON, TEXAS 77060</b>		PHONE NUMBER: <b>(281) 873-3692</b>	9. FIELD AND POOL, OR WILDCAT: <b>NATURAL BUTTES</b>	
4. LOCATION OF WELL (FOOTAGES)  AT SURFACE: <b>514' FWL &amp; 2377' FNL</b>  AT PROPOSED PRODUCING ZONE: <b>4417712 H 607906 E</b>			10. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:  <b>SW NW Sec 36, T10S, R19E</b>	
13. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: <b>18.5 miles SW of Ouray</b>			11. COUNTY: <b>UINTAH</b> 12. STATE: <b>UTAH</b>	
14. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET)  <b>514'</b>	15. NUMBER PF ACRES IN LEASE:  <b>640</b>	16. NUMBER OF ACRES ASSIGNED TO THIS WELL:  <b>40</b>		
17. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET)  <b>1,600'</b>	18. PROPOSED DEPTH:  <b>10,600'</b>	19. BOND DESCRIPTION:  <b>#76S 63050 361</b>		
20. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.):  <b>GR: 5402'</b>	21. APPROXIMATE DATE WORK WILL START:  <b>August 15, 2001</b>	22. ESTIMATED DURATION:  <b>27 days</b>		

23. PROPOSED CASING AND CEMENTING PROGRAM			
SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
<b>17-1/2"</b>	<b>13-3/8", 54.5#/ft, K-55</b>	<b>84'</b>	<b>CEMENT TO SURFACE</b>
<b>12-1/4"</b>	<b>8-5/8", 24/32#/ft, K-55</b>	<b>3,000'</b>	<b>1000 sx Prem/G</b>
<b>7-7/8"</b>	<b>5-1/2", 17#, N-80</b>	<b>10,600'</b>	<b>1784 sx G</b>

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DIVISION OF  
OIL, GAS AND MINING

24. ATTACHMENTS	
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:	
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER <input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER <b>SURFACE OWNER - STATE</b>	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) Diann Flowers TITLE Regulatory Specialist

SIGNATURE *Diann Flowers* DATE August 6, 2001

(This space for State use only)

API NUMBER ASSIGNED: 43-047-34241

APPROVAL:

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 09-06-01

By: *[Signature]*

T10S, R19E, S.L.B.&M.

R  
19  
E

R  
20  
E

DOMINION EXPLR. & PROD., INC.

Well location, STATE #5-36E, located as shown in the SW 1/4 NW 1/4 of Section 36, T10S, R19E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 29, T10S, R20E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN. NW QUADRANGLE, UTAH, UTAH COUNTY 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5251 FEET.



SCALE

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Robert L. Latta*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO. 161319  
STATE OF UTAH

CONFIDENTIAL

1956 Brass Cap,  
E-W Fence, Pile of  
Stones

S89°47'38"W - 2585.58' (Meas.)

S89°46'49"W - 2650.09' (Meas.)

WC  
1956 Brass Cap,  
E-W Fence, Pile of  
Stones

1928 Brass Cap,  
1.3' High, Pile  
of Stones

N00°28'26"E - 2660.69' (Meas.)

2377'

STATE #5-36E

514'

Elev. Ungraded Ground = 5402'

36

1956 Brass Cap,  
Pile of Stones

1928 Brass Cap,  
0.7' High, Pile  
of Stones

N00°27'18"E - 2662.24' (Meas.)

N17°0'W - G.L.O. (Basis of Bearings)

2661.14' (Measured)

T10S  
T11S

N89°56'02"W - 2631.48' (Meas.)

S89°31'53"W - 2732.14' (Meas.)

1956 Brass Cap,  
1.2' High, Pile of  
Stones

Brass Cap

1956 Brass Cap,  
Pile of Stones

LEGEND:

└─┘ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

LATITUDE = 39°54'16"

LONGITUDE = 109°44'15"

UINTAH ENGINEERING & LAND SURVEYING  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 7-12-01	DATE DRAWN: 7-25-01
PARTY G.S. K.S. D.COX	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE DOMINION EXPLR. & PROD., INC.	

**Dominion Exploration & Production, Inc.**  
Four Greenspoint Plaza  
16945 Northchase Drive, Suite 1750, Houston, TX 77060-2133



August 6, 2001

Utah Board of Oil, Gas & Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, Utah 84114-5801

Attention: Lisha Cordova

RE: Rule 649-3-2  
Exception to Location & Siting of Well  
State 5-36E; SW NW, Sec. 36, T10S, R19E  
HCU 9-29F; NE SE, Sec. 29, T10S, R20E

Dominion Exploration & Production, Inc. is requesting an exception to Rule 649-3-2 for the wells referenced above due to topographic considerations, major drainage and access conditions.

The subject wells are greater than 920' from other wells capable of production. Dominion Exploration & Production, Inc. is the only owner within a 460' radius.

If you require additional information please contact me at (281) 873-3692. Thank you for your attention to this matter.

Respectfully,

**Dominion Exploration & Production, Inc.**

Diann Flowers  
Regulatory Specialist

Cc: Bill Bullard  
Mitch Hall  
Well Files

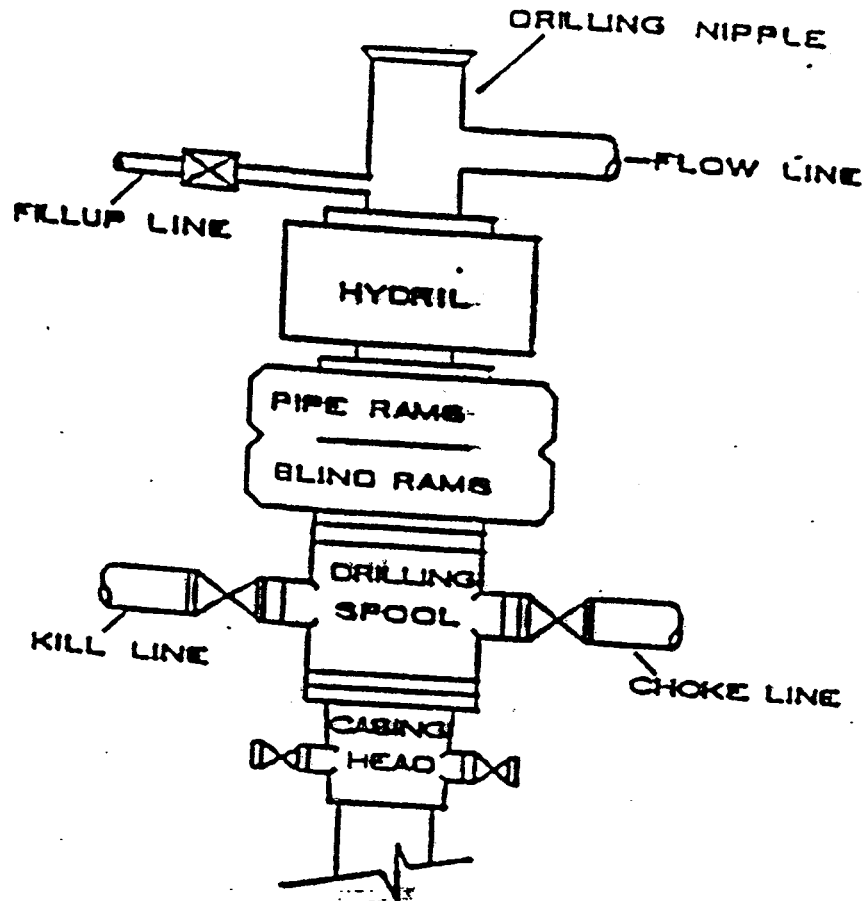
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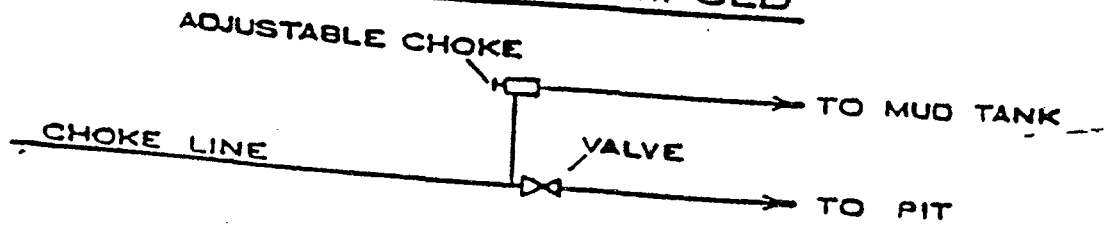
DIVISION OF  
OIL, GAS AND MINING

CONFIDENTIAL

BOP STACK



CHOKER MANIFOLD



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## SELF-CERTIFICATION STATEMENT

Under Federal regulation, effective June 15, 1988, designation of operator forms are no longer required when the operator is not the 100% record title holder. An operator is now required to submit a self-certification statement to the appropriate office stating that said operator has the right to operate upon the leasehold premises. Said notification may be in the following format:

Please be advised that **Dominion Exploration & Production, Inc.** is considered to be the operator of Well No. **5-36E**, located in the **SW ¼ NW ¼ of Section 36, T10S, R19E in Uintah County; Lease No. ML-42175**; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by *Travelers Casualty and Surety Company of America*, Bond #76S 63050 361.



Diann Flowers  
Regulatory Specialist

# CONFIDENTIAL

## DRILLING PLAN APPROVAL OF OPERATIONS

1-Aug-01

### Attachment for Permit to Drill

**Name of Operator:** Dominion Exploration & Production  
**Address:** Four Greenspoint Plaza  
16945 Northchase Drive, Suite 1750  
Houston, Texas 77060-2133

**Well Location:** State 5-36 E  
Uintah County, Ut

#### 1 GEOLOGIC SURFACE FORMATION

Uintah

#### 2 ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>
Wasatch Tongue	3,910'
Green Rvr. Tongue	4,240'
Wasatch	4,400'
Chapita Wells	5,450'
Uteland Buttes	6,250'
Mesaverde	7,365'

#### 3 ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS

<u>Formation</u>	<u>Depth</u>	<u>Type</u>
Wasatch Tongue	3,910'	Oil
Green Rvr. Tongue	4,240'	Oil
Wasatch	4,400'	Gas
Chapita Wells	5,450'	Gas
Uteland Buttes	6,250'	Gas
Mesaverde	7,365'	Gas

#### 4 PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

<u>Type</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Conn.</u>	<u>Top</u>	<u>Bottom</u>	<u>Hole</u>
Conductor	13 3/8"	54.5 ppf	K-55	STC	0'	84'	17 1/2"
Surface	8 5/8"	24.0 ppf	K-55	STC	0'	1,000'	12 1/4"
		32.0 ppf	K-55	LTC	1,000'	3,000'	12 1/4"
Production	5 1/2"	17.0 ppf	N-80	LTC	0'	10,600'	7 7/8"

#### 5 OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

B.O.P. pressure rating required is 3,000 psi working pressure. (Will use 5,000 psi B.O.P. Equipment).  
Pipe rams will be operated daily and blind rams as possible.

#### 6 MUD SYSTEM

KCL mud system will be used to drill well.

An air mist may be used to drill until first water is seen.

<u>Interval</u>	<u>Density</u>	<u>Drilling M.A.S.P.</u>	<u>Production M.A.S.P.</u>	<u>B.H.P.</u>
0' - 10,600'	9.6 ppg	2,580 psi	2,960 psi	5,016 psi

**7** BLOOIE LINE

An automatic igniter will not be installed on blooie line.  
A 90 degree targeted bend will be installed on blooie line about 50' from wellhead.  
The blooie line discharge will remain 100' from the wellhead.

**8** AUXILIARY EQUIPMENT TO BE USED

- A. Kelly Cock.
- B. Full opening valve with DRILL PIPE connection will be kept on floor.  
Valve will be used when Kelly is not in string.

**9** TESTING, LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

A Drill Stem Test in the Wasatch Tongue is possible.  
One electric line wire-log will be run from TD to surface.  
The gamma ray will be left on to record from surface to TD.  
Other log curves (Resistivities, Porosity, and Caliper) will record from TD to Surface casing.  
A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

**10** ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

No abnormal pressures or temperatures are anticipated.  
The formations to be penetrated do not contain known H<sub>2</sub>S gas.  
The anticipated bottom hole pressure is 5,016 psi.

**11** WATER SUPPLY

No water pipelines will be laid for this well.  
No water well will be drilled for this well.  
Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.  
Water will be hauled from : Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

**12** CEMENT SYSTEMS

- A. Conductor Cement:  
Ready mix cement filled from surface, prior to rig moving on.
- B. Surface Casing Cement:
  - a Drill 12 1/4" hole to +/- 3,000", run and cement 8 5/8" to surface.
  - b Pump 20 bbls lightly water spacer followed by 5 bbls fresh water. Displace with any available water.
  - c Run 1" tubing in annulus to ± 200' and cement to surface.
  - d Note : Repeat Top Out until cement remains at surface.
  - e Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug two joints off bottom e) bottom three joints thread locked f) pump job with bottom plug only.

Type	Sacks	Interval:	Density	Yield	Hole Volume:	Cement Volume:	Excess
Lead	620 Sx	0' - 2,500'	11.0 ppg	3.34 CFS	1,036 CF	2,071 CF	100%
Tail	380 Sx	2,500' - 3,000'	15.8 ppg	1.17 CFS	220 CF	445 CF	102%
Top Out	150 Sx	0' - 200'	15.8 ppg	1.17 CFS	87 CF	176 CF	102%

Lead Mix: Prem Lite II Cement, 10% Gel extender, 0.5% Sodium Metasilicate extender, 6 lb/sk  
Inert Course Grannular LCM: Kol Seal, 1/4 lb/sk Cellophane Flakes LCM, 3 lb/sk Silica  
Fume high strength additive: BA90, 2% Calcium Chloride accelerator, 20.15 gps water  
Pump Time : 4+ hours @ 130 °F.  
Compressives @ 150 °F: 24 Hour is 375 psi

**Tail Mix:**

Class "G" Cement, 1/4 lb/sk Cellophane Flakes Lost Return Material, 1-to-2% Calcium Chloride accelerator, & 5.00 gps water

Pump Time : 2 Hours @ 120 °F.

Compressives @ 120 °F: 24 Hour is 2,000 psi

**Top Out:**

Class "G" Cement, 1/4 lb/sk Cellophane Flakes Lost Return Material, 1-to-2% Calcium Chloride accelerator, & 5.00 gps water

**C. Production Casing Cement:**

- a Drill 7 7/8" hole to +/- 10,600", run and cement 5 1/2" to surface.
- b Lead/Tail cement interface is at 4,000', which is typically 500-1,000' above shallowest pay.
- c Pump 50 bbl Mud clean II unweighted spacer, followed by 10 Bbls 3% KCL spacer.
- d Displace with 3% KCl.

Type	Sacks	Interval:	Density	Yield	Hole Volume:	Cement Volume:	Excess
Lead	440 Sx	0' - 4,000'	11.5 ppg	2.85 CFS	1,036 CF	2,071 CF	1 CF
Tail	1,344 Sx	4,000' - 10,600'	13.0 ppg	1.51 CFS	1,155 CF	2,029 CF	76%

**Lead Mix:**

Prem Lite II Cement, 10% Gel extender, 0.5% Sodium Metasilicate extender, 1/4 lb/sk Cellophane Flakes LCM, 3 lb/sk Silica Fume high strength ba-90, 3% Potassium Chloride clay inhibitor, 0.05 lb/sk Static Free anti foaming agent, 0.2% retarder, & 16.78 gps water

Pump Time : 5+ hours @ 155 °F.

Fluid Loss is 240 cc / 30 minutes.

Compressives @ 200 °F: 24 Hour is 525 psi

**Tail Mix:**

Prem Lite II HIGH STRENGTH Cement, 1/4 lb/sk Cellophane Flakes LCMI, 3%, Potassium Chloride clay inhibitor, 0.7% fluid loss additive FL-52, 0.7% retarder r-3, & 16.78 gps water

Pump Time : 4 Hours @ 155 °F.

Fluid Loss : is 100 cc / 30 minutes.

Compressives @ 130 °F: 24 Hour is 2,875 psi

**13 ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS**

Starting Date: 17 Aug-01

Duration: 27 Days



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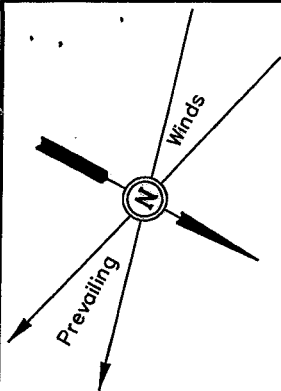
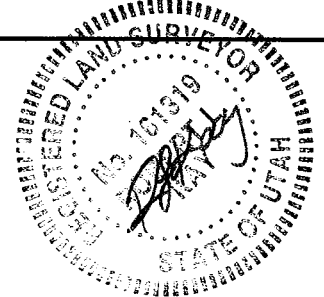
## DOMINION EXPLR. & PROD., INC.

LOCATION LAYOUT FOR

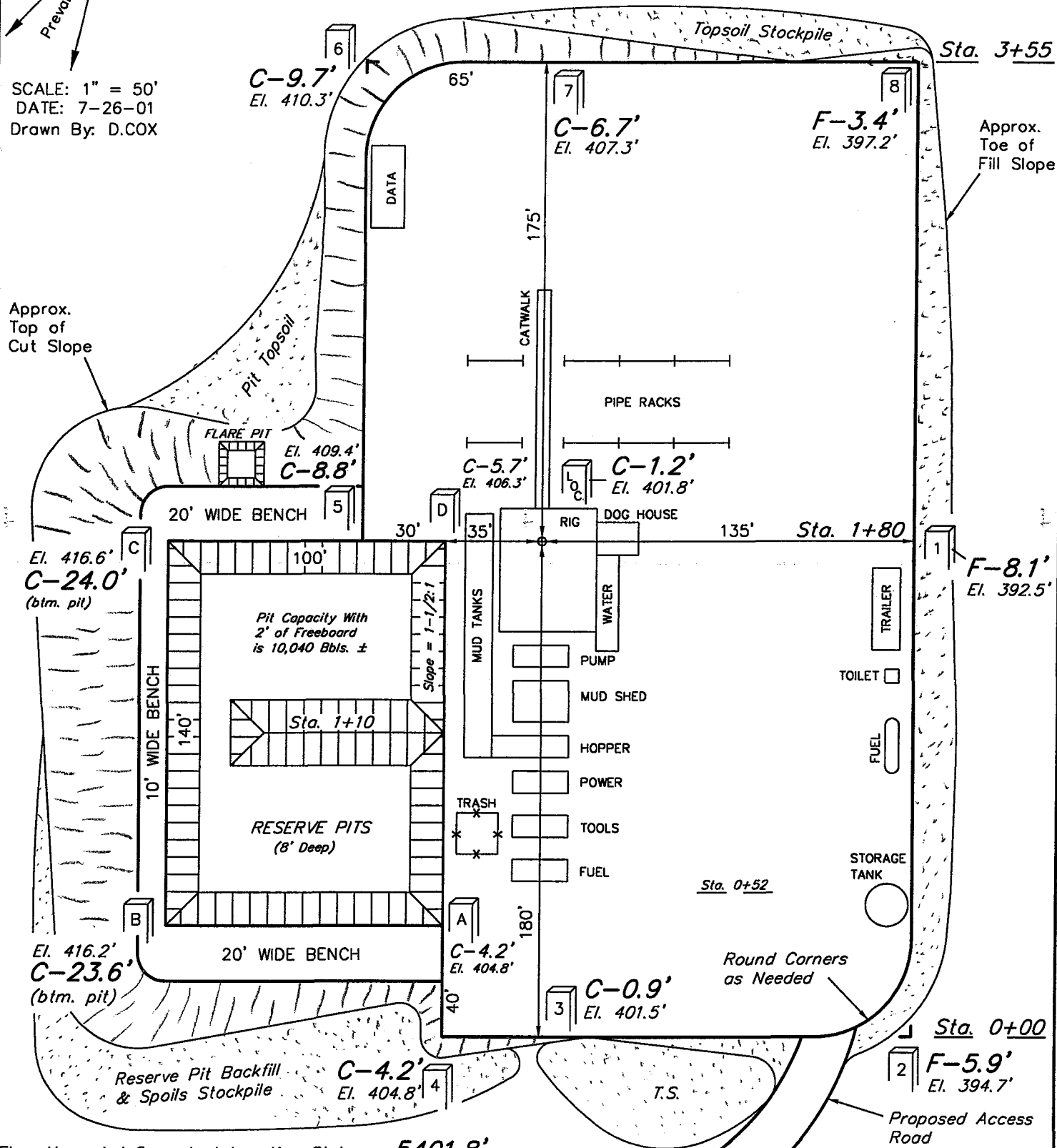
STATE #5-36E

SECTION 36, T10S, R19E, S.L.B.&M.

2377' FNL 514' FWL



SCALE: 1" = 50'  
DATE: 7-26-01  
Drawn By: D.COX



Elev. Ungraded Ground at Location Stake = **5401.8'**  
Elev. Graded Ground at Location Stake = **5400.6'**

**UINTAH ENGINEERING & LAND SURVEYING**  
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

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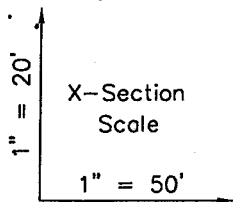
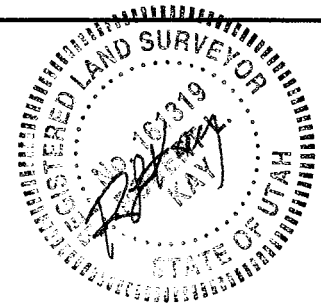
DOMINION EXPLR. & PROD., INC.

TYPICAL CROSS SECTIONS FOR

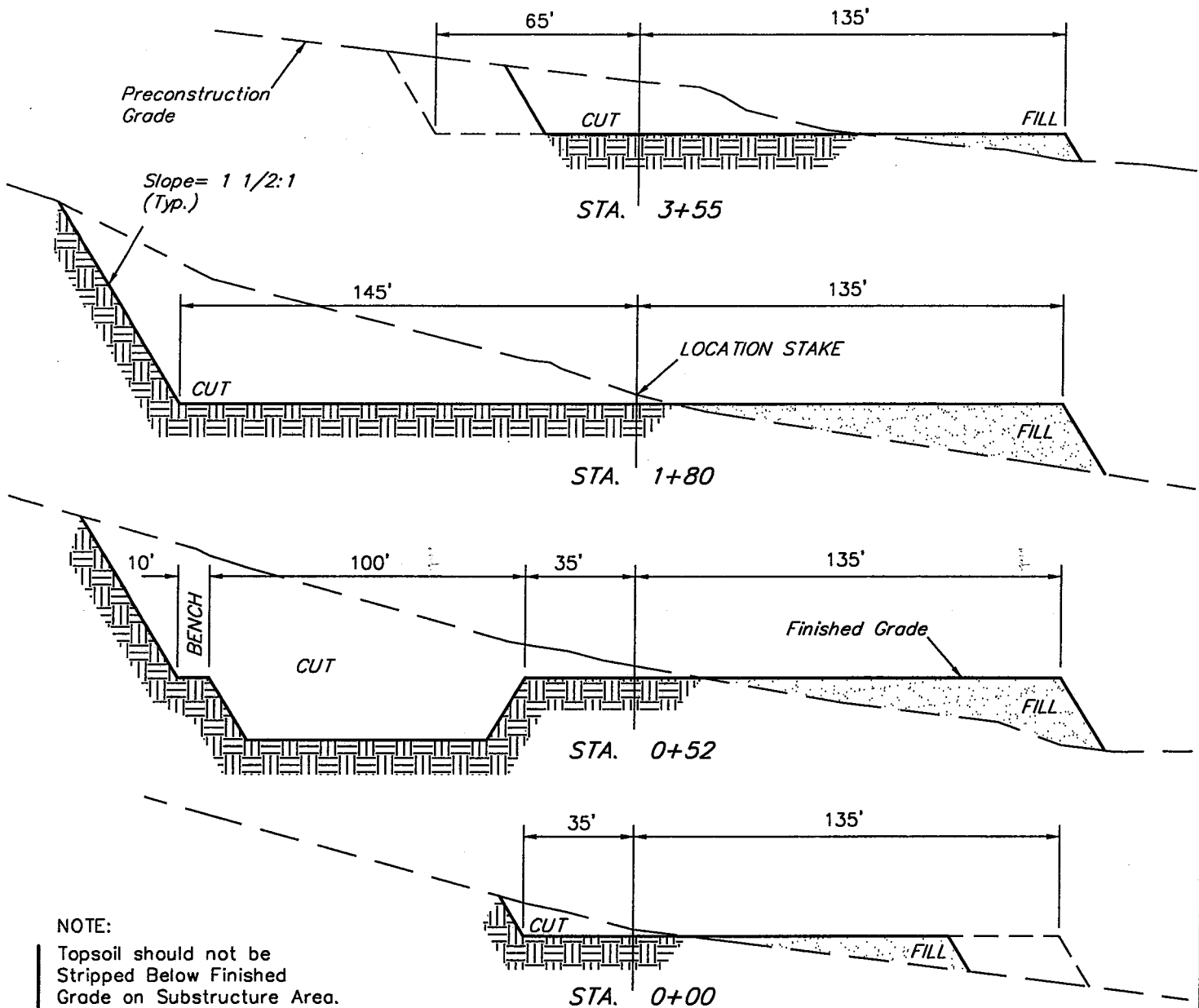
STATE #5-36E

SECTION 36, T10S, R19E, S.L.B.&M.

2377' FNL 514' FWL



DATE: 7-26-01  
Drawn By: D.COX



NOTE:

Topsoil should not be  
Stripped Below Finished  
Grade on Substructure Area.

APPROXIMATE YARDAGES

CUT

(6") Topsoil Stripping = 1,570 Cu. Yds.

Remaining Location = 17,220 Cu. Yds.

TOTAL CUT = 18,790 CU.YDS.

FILL = 7,090 CU.YDS.

EXCESS MATERIAL AFTER

5% COMPACTION = 11,330 Cu. Yds.

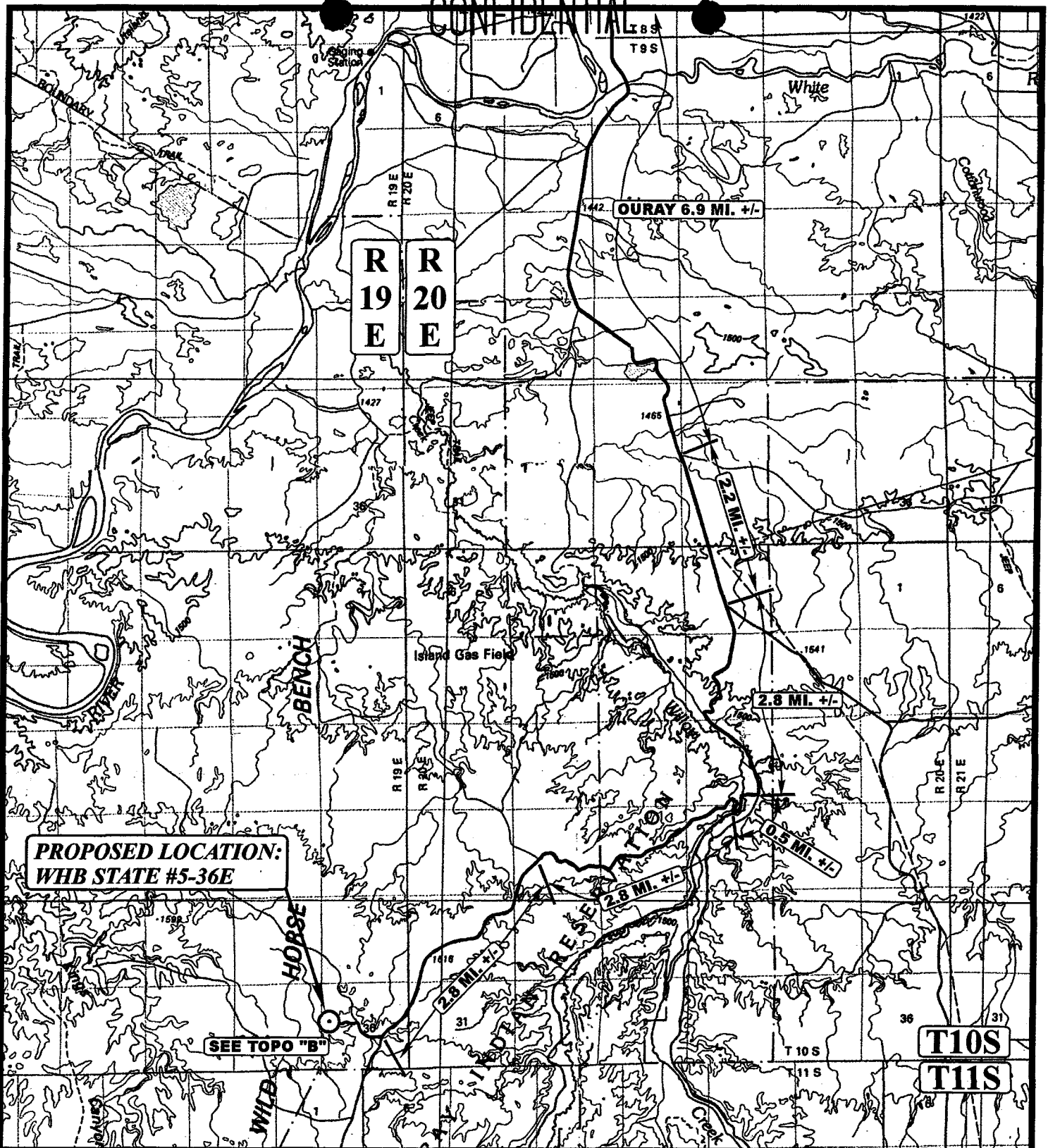
Topsoil & Pit Backfill  
(1/2 Pit Vol.) = 4,670 Cu. Yds.

EXCESS UNBALANCE  
(After Rehabilitation) = 6,660 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING

85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

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**LEGEND:**

○ PROPOSED LOCATION

**DOMINION EXPLR. & PROD., INC.**

STATE #5-36E

SECTION 36, T10S, R19E, S.L.B.&M.

2377' FNL 514' FWL



Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC  
MAP**

**7 20 01**  
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: P.M. REVISED: 00-00-00

**A**  
TOPO



CONFIDENTIAL

R  
19  
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**PROPOSED LOCATION:  
WHB STATE #5-36E**

**PROPOSED ACCESS 0.3 MI. +/-**

**0.5 MI. +/-**

**OURAY 18.0 MI. +/-**

**T10S**

**T11S**

**LEGEND:**

----- PROPOSED ACCESS ROAD  
————— EXISTING ROAD

N

**DOMINION EXPLR. & PROD., INC.**

**STATE #5-36E**

**SECTION 36, T10S, R19E, S.L.B.&M.**

**2377' FNL 514' FWL**



**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC  
MAP**

**7 2001**  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00

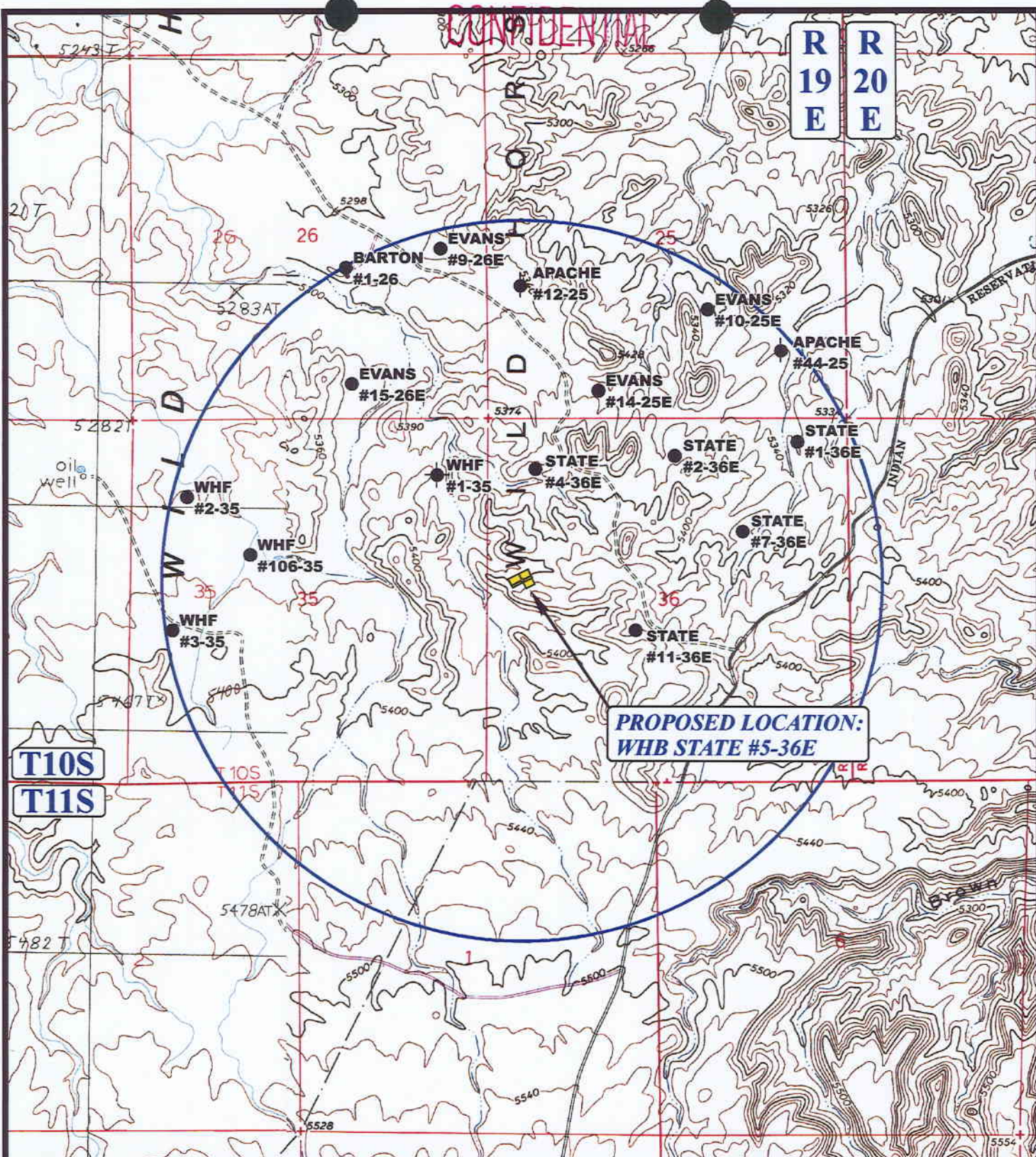
**B  
TOPO**



CONFIDENTIAL

R  
19  
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**PROPOSED LOCATION:  
WHB STATE #5-36E**

**LEGEND:**

- |                   |                         |
|-------------------|-------------------------|
| Ø DISPOSAL WELLS  | ⊙ WATER WELLS           |
| ● PRODUCING WELLS | ⊙ ABANDONED WELLS       |
| ⊙ SHUT IN WELLS   | ⊙ TEMPORARILY ABANDONED |

**DOMINION EXPLR. & PROD., INC.**

**STATE #5-36E**  
**SECTION 36, T10S, R19E, S.L.B.&M.**  
**2377' FNL 514' FWL**



**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC  
MAP**

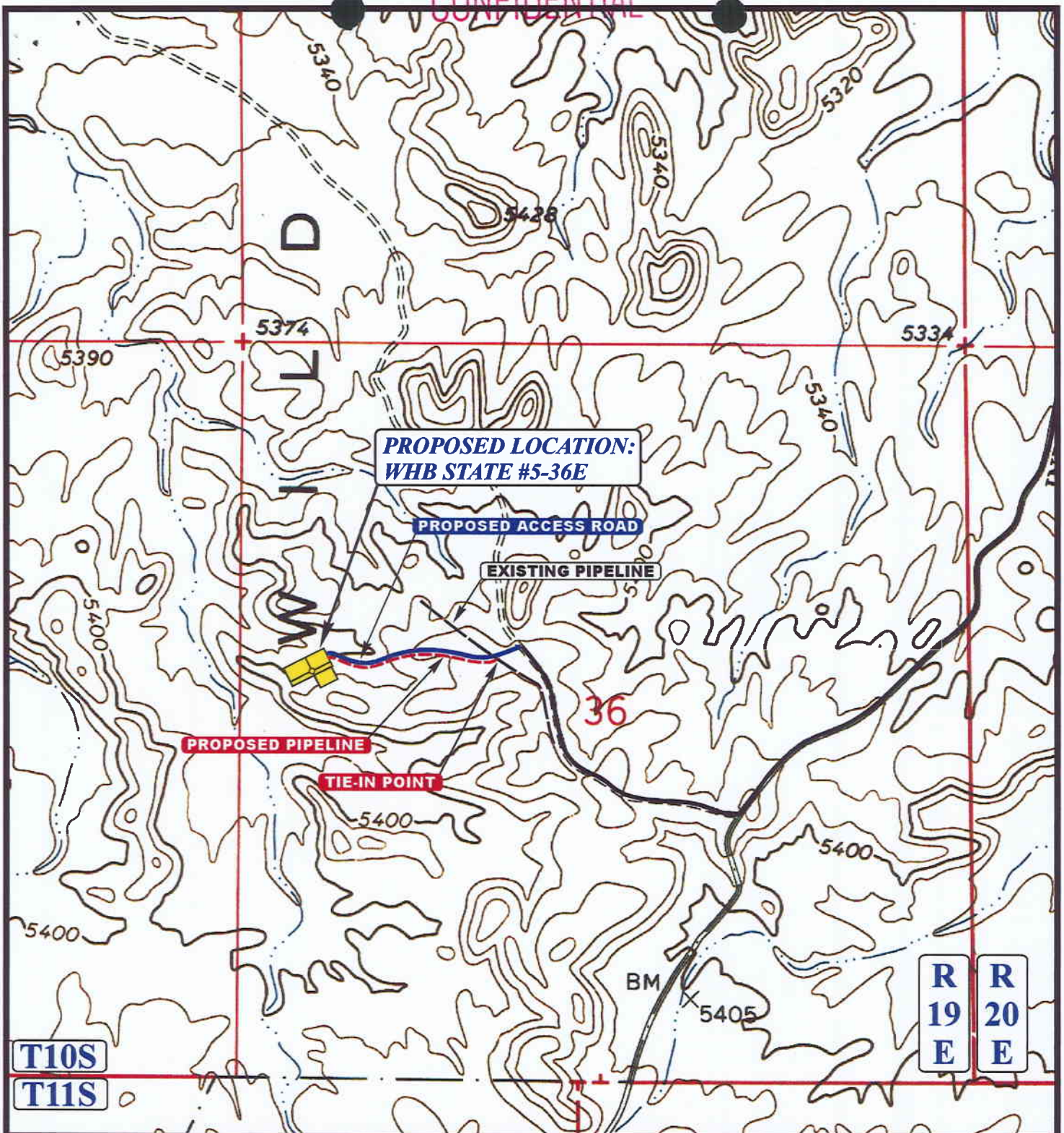
**7 2001**  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00





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APPROXIMATE TOTAL PIPELINE DISTANCE = 1700' +/-

LEGEND:

- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED ACCESS



DOMINION EXPLR. & PROD., INC.

STATE #5-36E  
SECTION 36, T10S, R19E, S.L.B.&M.  
2377' FNL 514' FWL



Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813

TOPOGRAPHIC  
MAP

7 20 01  
MONTH DAY YEAR

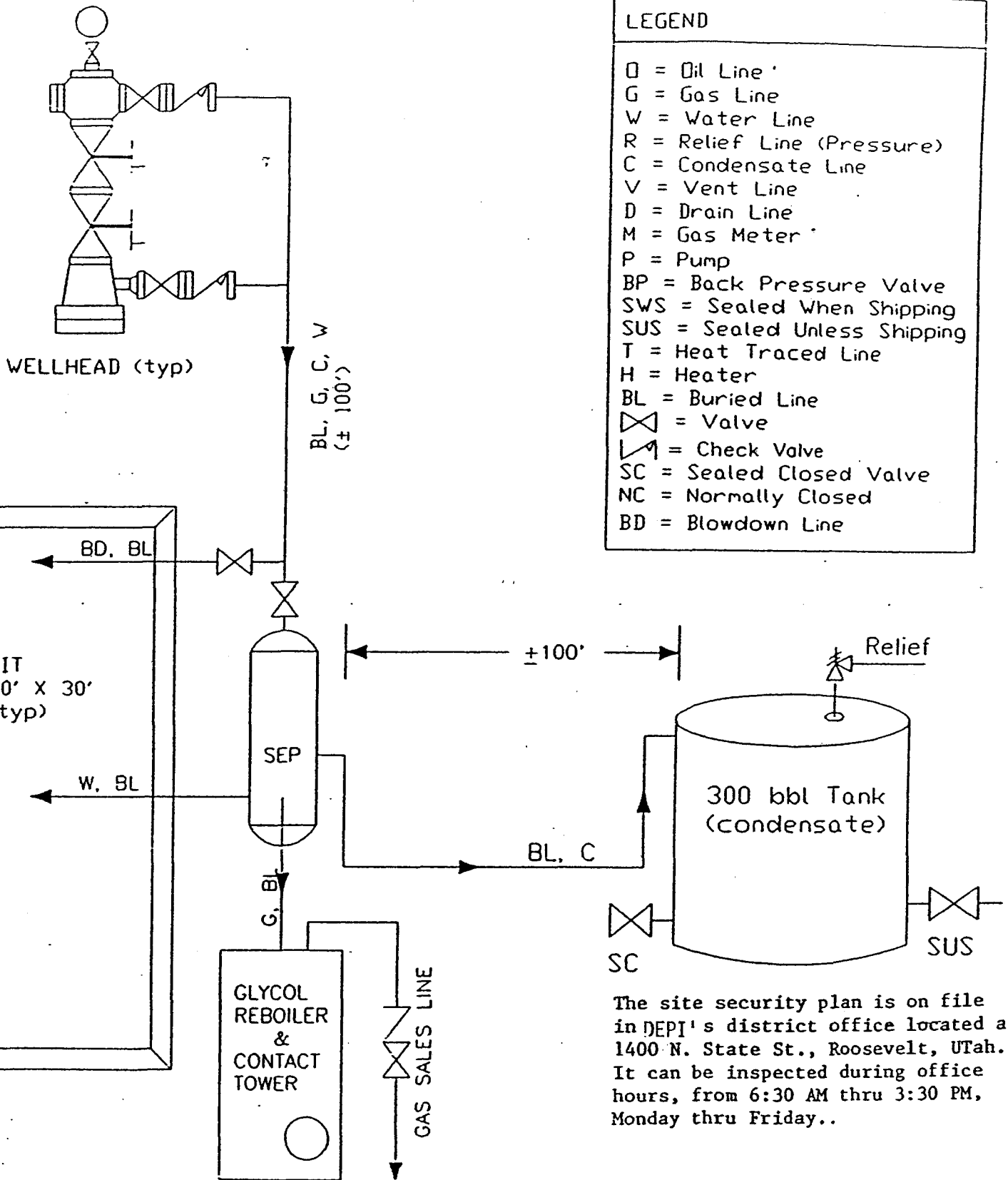
SCALE: 1" = 1000' DRAWN BY: P.M. REVISED: 00-00-00



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LEGEND

O = Oil Line  
 G = Gas Line  
 W = Water Line  
 R = Relief Line (Pressure)  
 C = Condensate Line  
 V = Vent Line  
 D = Drain Line  
 M = Gas Meter  
 P = Pump  
 BP = Back Pressure Valve  
 SWS = Sealed When Shipping  
 SUS = Sealed Unless Shipping  
 T = Heat Traced Line  
 H = Heater  
 BL = Buried Line  
 X = Valve  
 [Check Valve Symbol] = Check Valve  
 SC = Sealed Closed Valve  
 NC = Normally Closed  
 BD = Blowdown Line



The site security plan is on file in DEPI's district office located at 1400 N. State St., Roosevelt, Utah. It can be inspected during office hours, from 6:30 AM thru 3:30 PM, Monday thru Friday..

DOMINION EXPLORATION & PRODUCTION, INC.

Well:	RIVER BEND FIELD, UINTA COUNTY	not to scale
DRY, RBA, FLOW, SEP	TYPICAL FLOW DIAGRAM	date: / /

**WORKSHEET**  
**APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 08/09/2001

API NO. ASSIGNED: 43-047-34241

WELL NAME: STATE 5-36E

OPERATOR: DOMINION EXPL & PROD ( N1095 )

CONTACT: DIANN FLOWERS

PHONE NUMBER: 281-873-3692

**PROPOSED LOCATION:**

SWNW 36 100S 190E

SURFACE: 2377 FNL 0514 FWL

BOTTOM: 2377 FNL 0514 FWL

UINTAH

NATURAL BUTTES ( 630 )

LEASE TYPE: 3 - State

LEASE NUMBER: ML-42175 *JK*

SURFACE OWNER: 3 - State

PROPOSED FORMATION: WSMVD

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	<i>DKD</i>	<i>9/5/01</i>
Geology		
Surface		

**RECEIVED AND/OR REVIEWED:**

☒ Plat

☒ Bond: Fed[] Ind[] Sta[3] Fee[]  
(No. 76S63050361 )

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit  
(No. 43-10447 )

☒ RDCC Review (Y/N)  
(Date: )

☒ Fee Surf Agreement (Y/N)

**LOCATION AND SITING:**

\_\_\_ R649-2-3. Unit \_\_\_

\_\_\_ R649-3-2. General

☒ Siting: 460 From Qtr/Qtr & 920' Between Wells

\_\_\_ R649-3-3. Exception

\_\_\_ Drilling Unit

Board Cause No: \_\_\_\_\_

Eff Date: \_\_\_\_\_

Siting: \_\_\_\_\_

\_\_\_ R649-3-11. Directional Drill

**COMMENTS:**

*Need Presite. (08-23-01)*

**STIPULATIONS:**

*1- Spacing Stip.*  
*② STATEMENT OF BASIS*





**ON-SITE PREDRILL EVALUATION**  
**Division of Oil, Gas and Mining**

OPERATOR: DOMINION EXPLR. & PROD., INC.  
WELL NAME & NUMBER: WHB STATE 5-36E  
API NUMBER: 43-047-34241  
LEASE: STATE FIELD/UNIT: WILD HORSE BENCH  
LOCATION: 1/4, 1/4 SW/NW SEC: 36 TWP: 10S RNG: 19E  
514' F W L 2377' F N L  
LEGAL WELL SITING: Statewide 400 foot window in center of 40  
acre tract and no closer than 920 feet from  
another well.  
GPS COORD (UTM): 12607856E 4417899N  
SURFACE OWNER: STATE OF UTAH

PARTICIPANTS: GARY DYE, (DOMINION). DAVID HACKFORD, (DOGM).  
THREE DIRT CONTRACTORS.

**REGIONAL/LOCAL SETTING & TOPOGRAPHY:**

SITE IS IN AN AREA OF LOW ROLLING HILLS AND SHALLOW DRAWS  
DRAINING GRADUALLY TO THE NORTHWEST. THERE ARE SEVERAL SANDSTONE  
OUTCROPPINGS ALONG NORTH EDGE OF PROPOSED LOCATION.

**SURFACE USE PLAN:**

CURRENT SURFACE USE: WILDLIFE AND LIVESTOCK GRAZING.  
HUNTING.

PROPOSED SURFACE DISTURBANCE: LOCATION WOULD BE 355' BY 270'  
AND 0.30 MILES OF NEW ACCESS ROAD.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: SEE  
ATTACHED MAP FROM GIS DATABASE

LOCATION OF PRODUCTION FACILITIES AND PIPELINES:   
ALL PRODUCTION FACILITIES WILL BE ON LOCATION AND ADDED  
AFTER DRILLING WELL. PROPOSED PIPELINE WILL FOLLOW ACCESS  
ROAD.

SOURCE OF CONSTRUCTION MATERIAL: ALL CONSTRUCTION MATERIAL  
WILL BE BORROWED FROM SITE DURING CONSTRUCTION OF LOCATION.

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

**WASTE MANAGEMENT PLAN:**

DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT. LIQUIDS

FROM PIT WILL BE ALLOWED TO EVAPORATE. FORMATION WATER WILL BE CONFINED TO STORAGE TANKS. SEWAGE FACILITIES, STORAGE AND DISPOSAL WILL BE HANDLED BY COMMERCIAL CONTRACTOR. TRASH WILL BE CONTAINED IN TRASH BASKETS AND HAULED TO AN APPROVED LAND FILL.

**ENVIRONMENTAL PARAMETERS:**

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: NATIVE GRASSES, GREASEWOOD, SALTBRUSH, PRICKLY PEAR, SHADSCALE: RODENTS, COYOTES, SONGBIRDS, RAPTORS, PRONGHORN.

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SANDY CLAY WITH REDDISH BROKEN SHALE ROCKS.

EROSION/SEDIMENTATION/STABILITY: VERY LITTLE NATURAL EROSION. SEDIMENTATION AND STABILITY ARE NOT A PROBLEM AND LOCATION CONSTRUCTION SHOULDN'T CAUSE ANY INCREASE IN STABILITY OR EROSION PROBLEMS.

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.

**RESERVE PIT:**

CHARACTERISTICS: 100' BY 140' AND 8' DEEP.

LINER REQUIREMENTS (Site Ranking Form attached):  
A LINER WILL NOT BE REQUIRED FOR RESERVE PIT.

**SURFACE RESTORATION/RECLAMATION PLAN:**

AS PER SITLA.

**SURFACE AGREEMENT:** AS PER SITLA.

**CULTURAL RESOURCES/ARCHAEOLOGY:** SITE WILL BE INSPECTED BY JIM TRUESDALE. A COPY OF THIS REPORT WILL BE PLACED ON FILE.

**OTHER OBSERVATIONS/COMMENTS:**

THE PRE-DRILL INVESTIGATION TOOK PLACE ON A WARM, SUNNY DAY.

**ATTACHMENTS:**

PHOTOS OF SITE WILL BE PLACED ON FILE.

DAVID W. HACKFORD  
DOGM REPRESENTATIVE

8/23/01 10:00AM  
DATE/TIME

**Evaluation Ranking Criteria and Ranking Score  
For Reserve and On-site Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
<b>Distance to Groundwater (feet)</b>		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>5</u>
<b>Distance to Surf. Water (feet)</b>		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
<b>Distance to Nearest Municipal Well (feet)</b>		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	15	<u>0</u>
<b>Distance to Other Wells (feet)</b>		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
<b>Native Soil Type</b>		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>0</u>
<b>Fluid Type</b>		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	15	
TDS >10000 or Oil Base	20	
Mud Fluid containing high levels of hazardous constituents		<u>5</u>
<b>Drill Cuttings</b>		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
<b>Annual Precipitation (inches)</b>		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
<b>Affected Populations</b>		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
<b>Presence of Nearby Utility</b>		
<b>Conduits</b>		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>
<b>Final Score</b>		<u>10</u>



**DIVISION OF OIL, GAS AND MINING  
APPLICATION FOR PERMIT TO DRILL  
STATEMENT OF BASIS**

**Operator Name:** DOMINION EXPLR. & PROD., INC.  
**Well Name & Number:** WHB STATE 5-36E  
**API Number:** 43-047-34241  
**Location:** 1/4, 1/4 SW/NW Sec. 36 T. 10S R. 19E

**Geology/Ground Water:**

Dominion has proposed setting 84 feet of conductor pipe and 3,000 feet of surface casing at this location. The depth to the base of the moderately saline ground water is estimated to be at 4,400 feet. A search of Division of Water Rights records indicates that no water wells are located within a 10,000 foot radius of the center of Section 36. The surface formation at this location is the Uinta Formation. The Uinta Formation is made up of interbedded sandstones and shales. The sandstones are not generally continuous over a large area and should not constitute a significant aquifer. The proposed surface casing should adequately protect any useable ground water.

**Reviewer:** Brad Hill  
**Date:** 08/29/2001

**Surface:**

The pre-drill investigation of the surface was performed on 8/23/01. Surface owner is State of Utah. S.I.T.L.A. and D.W.R. were notified of this investigation on 8/16/2001. Neither had a representative present. Site appears to be the best spot for a location in the immediate area. Existing drainages crossing site will be re-routed to the east and west. A liner will not be required in reserve pit.

**Reviewer:** David W. Hackford  
**Date:** 8/24/2001

**Conditions of Approval/Application for Permit to Drill:**

None.

Well name:

**09-01 Dominion State 5-36E**Operator: **Dominion Exploration & Production, Inc.**String type: **Surface**

Project ID:

43-047-34241

Location: **Uintah County****Design parameters:****Collapse**

Mud weight: 9.600 ppg

Design is based on evacuated pipe.

**Minimum design factors:****Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No

Surface temperature: 65 °F

Bottom hole temperature: 107 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 200 ft

Cement top:

**Surface****Burst**

Max anticipated surface pressure:

0 psi

Internal gradient: 0.499 psi/ft

Calculated BHP **1,496 psi**

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.50 (B)

Non-directional string.

Tension is based on air weight.

Neutral point: 2,607 ft

**Re subsequent strings:**

Next setting depth: 10,600 ft

Next mud weight: 9.600 ppg

Next setting BHP: 5,286 psi

Fracture mud wt: 19.250 ppg

Fracture depth: 3,000 ft

Injection pressure 3,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
2	1000	8.625	24.00	K-55	ST&C	1000	1000	7.972	48.2
1	2000	8.625	32.00	K-55	LT&C	3000	3000	7.875	127.1

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
2	499	1293	2.59	499	2950	5.92	88	263	2.99 J
1	1496	2530	1.69	1496	3930	2.63	64	452	7.06 J

Prepared by: Dustin Doucet  
Utah Dept. of Natural ResourcesPhone: 801-538-5281  
FAX: 801-359-3940Date: September 4, 2001  
Salt Lake City, Utah**ENGINEERING STIPULATIONS: NONE**

Collapse strength is based on the Westcott, Dunlop &amp; Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 3000 ft, a mud weight of 9.6 ppg. The casing is considered to be evacuated for collapse purposes.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

Well name:

**09-01 Dominion State 5-36E**Operator: **Dominion Exploration & Production, Inc.**String type: **Production**

Project ID:

**43-047-34241**Location: **Uintah County****Design parameters:****Collapse**

Mud weight: 9.600 ppg

Design is based on evacuated pipe.

**Minimum design factors:****Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No

Surface temperature: 65 °F

Bottom hole temperature: 213 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 368 ft

Cement top:

Surface**Burst**

Max anticipated surface

pressure: 0 psi

Internal gradient: 0.499 psi/ft

Calculated BHP 5,286 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.50 (B)

Non-directional string.

Tension is based on air weight.

Neutral point: 9,057 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	10600	5.5	17.00	N-80	LT&C	10600	10600	4.767	365.3
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	5286	6290	<u>1.19</u>	5286	7740	<u>1.46</u>	180	348	<u>1.93 J</u>

Prepared by: Dustin Doucet  
Utah Dept. of Natural ResourcesPhone: 801-538-5281  
FAX: 801-359-3940Date: September 4, 2001  
Salt Lake City, Utah**ENGINEERING STIPULATIONS: NONE**

Collapse strength is based on the Westcott, Dunlop &amp; Kemler method of biaxial correction for tension.

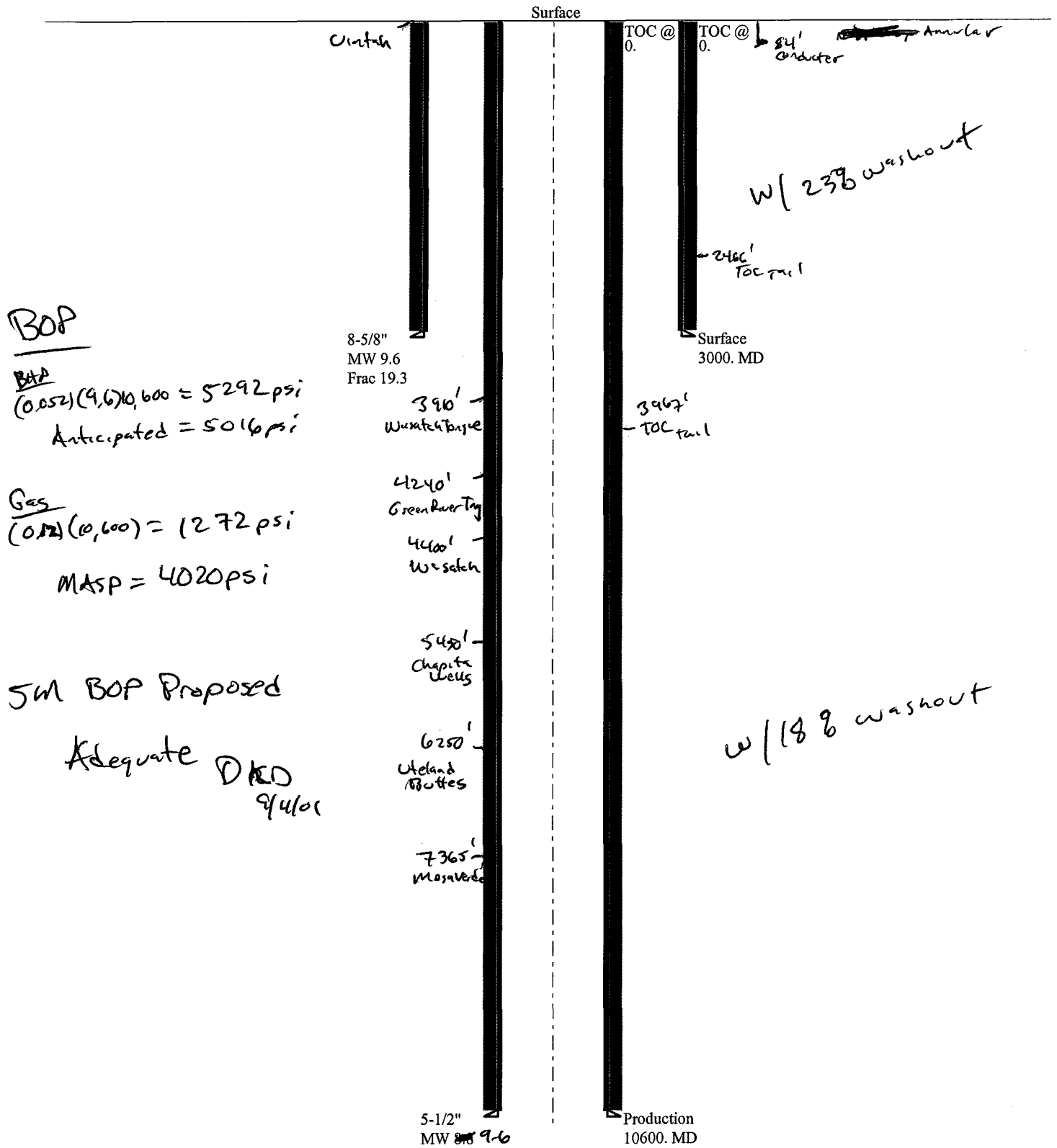
Collapse is based on a vertical depth of 10600 ft, a mud weight of 9.6 ppg. The casing is considered to be evacuated for collapse purposes.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*



Casing Schematic





State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor  
Kathleen Clarke  
Executive Director  
Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

September 6, 2001

Dominion Expl. & Prod. Inc.  
16945 Northchase Drive, Suite 1750  
Houston, TX 77060

Re: State 5-36E Well, 2377' FNL, 514' FWL, SW NW, Sec. 36, T. 10 South,  
R. 19 East, Uintah County, Utah

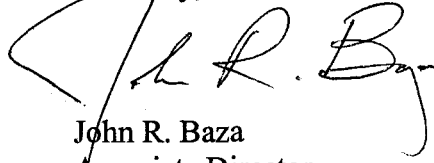
Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-34241.

Sincerely,



John R. Baza  
Associate Director

dm

Enclosures

cc: Uintah County Assessor  
SITLA

Operator: Dominion Expl. & Prod. Inc.  
Well Name & Number State 5-36E  
API Number: 43-047-34241  
Lease: ML 42175

Location: SW NW Sec. 36 T. 10 South R. 19 East

### Conditions of Approval

1. **General**

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. **Notification Requirements**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. **Reporting Requirements**

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

6. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

CONFIDENTIAL

FORM 9

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML - 42175
2. NAME OF OPERATOR: Dominion Exploration & Production, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 14000 Quail Springs CITY Oklahoma City STATE OK ZIP 73134		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 514' FWL & 2377' FNL		8. WELL NAME and NUMBER: State 5-36E
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 36 10S 19E		9. API NUMBER: 43-047-34241
		10. FIELD AND POOL, OR WILDCAT: Natural Buttes
		COUNTY: Uintah
		STATE: UTAH

### 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Extension of APD
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Dominion Exploration and Production, Inc. request a one year extension to the approved APD.

**Approved by the  
Utah Division of  
Oil, Gas and Mining**  
Date: 10-08-02  
By: *[Signature]*

# RECEIVED

OCT 07 2002

DIVISION OF  
OIL, GAS AND MINING

10-8-02  
LHD

NAME (PLEASE PRINT) <u>Carla Christian</u>	TITLE <u>Regulatory Specialist</u>
SIGNATURE <u><i>Carla Christian</i></u>	DATE <u>10/2/2002</u>

(This space for State use only)

Well name:

02-03 Dominion WHB 5-36Erev.

Operator: **Dominion**String type: **Surface**

Project ID:

43-047-34241

Location: **Uintah****Design parameters:****Collapse**

Mud weight: 8.800 ppg

Design is based on evacuated pipe.

**Minimum design factors:****Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No

Surface temperature: 65 °F

Bottom hole temperature: 96 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 350 ft

Cement top:

0 ft

**Burst**

Max anticipated surface pressure:

0 psi

Internal gradient: 0.468 psi/ft

Calculated BHP 1,029 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.60 (B)

Tension is based on air weight.

Neutral point: 1,912 ft

Non-directional string.

**Re subsequent strings:**

Next setting depth: 8,000 ft

Next mud weight: 9.000 ppg

Next setting BHP: 3,740 psi

Fracture mud wt: 19.250 ppg

Fracture depth: 2,200 ft

Injection pressure 2,200 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	2200	8.625	32.00	J-55	LT&C	2200	2200	7.875	17728

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	1006	2530	2.52	1029	3930	3.82	70.4	417	5.92 J

Prepared Dustin K. Doucet  
by: Utah Dept. of Natural Resources

Date: February 19, 2003  
Salt Lake City, Utah

**ENGINEERING STIPULATIONS: Production Casing Cement Stip. (2000')**

Collapse strength is based on the Westcott, Dunlop &amp; Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 2200 ft, a mud weight of 8.8 ppg The casing is considered to be evacuated for collapse purposes.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

Well name:

02-03 Dominion WHB 5-36Erev.

Operator: **Dominion**String type: **Production**

Project ID:

43-047-34241

Location: **Uintah****Design parameters:****Collapse**

Mud weight: 9.000 ppg  
Design is based on evacuated pipe.

**Minimum design factors:****Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 177 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 350 ft

Cement top: 2,560 ft

\*Cmt Stip. 2000'

**Burst**

Max anticipated surface pressure: 0 psi  
Internal gradient: 0.468 psi/ft  
Calculated BHP: 3,740 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.60 (B)

Non-directional string.

Tension is based on air weight.  
Neutral point: 6,908 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	8000	5.5	17.00	Mav-80	LT&C	8000	8000	4.767	65998
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	3740	6290	1.68	3740	7740	2.07	136	272.9	2.01 B

Prepared by: Dustin K. Doucet  
Utah Dept. of Natural Resources

Date: February 19, 2003  
Salt Lake City, Utah

**ENGINEERING STIPULATIONS: Production Casing Cement Stip. (2000')**

Collapse strength is based on the Westcott, Dunlop &amp; Kemler method of biaxial correction for tension.

Collapse is based on a vertical depth of 8000 ft, a mud weight of 9 ppg. The casing is considered to be evacuated for collapse purposes.

Burst strength is not adjusted for tension.

Surface

8-5/8"  
MW 8.8  
Frac 19.3

TOC @  
0.

-1630'  
TOC trail

Surface  
2200. MD

TOC @  
2560.

W/20% washout

+ production casing cut steps  
(± 2000')

-3543'  
Detail

W/15% washout

3910' -  
wash  
tongue

4240' -  
GR tongue

4400' -  
wash

5450' -  
cap. to wells

6250' -  
casing & Butts

7365' -  
measured  
5-1/2"  
MW 9.

Production  
8000. MD

BOP

$$\frac{BOP}{(2.052 \times 9)(8000)} = 3744 \text{ psi}$$

expected = 2000 psi

$$\frac{Gas}{(0.12)(8000)} = 960 \text{ psi}$$

$$MAASP = 2784 \text{ psi}$$

3 m BOPE proposed

Adequate DWD 2/15/03

CONFIDENTIAL

FORM 9

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

# SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML - 42175
2. NAME OF OPERATOR: Dominion Exploration & Production, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 14000 Quail Springs CITY Oklahoma City STATE OK ZIP 73134		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 514' FWL & 2377' FNL		8. WELL NAME and NUMBER: State 5-36E
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 36 10S 19E		9. API NUMBER: 43-047-34241
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT: Natural Buttes
STATE: UTAH		

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

## 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Dominion Exploration and Production, Inc. has changed the drilling plan as stated on the attachment. Well was originally permitted to 10,600', proposed total depth is now 8,000'

RECEIVED  
FEB 18 2003  
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Carla Christian TITLE Regulatory Specialist  
SIGNATURE Carla Christian DATE 2/17/2003

(This space for State use only)  
**APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING**  
DATE: 2/19/2003  
BY: [Signature]

(5/2000)

(See Instructions on Reverse Side)

\* Production Casing Cement shall be brought up inside the Surface Casing ( $\pm 2000'$ ) to isolate Green River Fm,



DRILLING PLANAPPROVAL OF OPERATIONS

## Attachment for Permit to Drill

**Name of Operator:** Dominion Exploration & Production  
**Address:** 14000 Quail Springs Parkway, Suite 600  
 Oklahoma City, OK 73134  
**Well Location:** WHB State 5-36E  
 2377' FNL & 514' FWL  
 Section 36-10S-19E  
 Uintah County, UT

1. GEOLOGIC SURFACE FORMATION Uintah2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>
Wasatch Tongue	3,910'
Green River Tongue	4,240'
Wasatch	4,400'
Chapita Wells	5,450'
Uteland Buttes	6,250'
Mesaverde	7,365'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS

<u>Formation</u>	<u>Depth</u>	<u>Type</u>
Wasatch Tongue	3,910'	Oil
Green River Tongue	4,240'	Oil
Wasatch	4,400'	Gas
Chapita Wells	5,450'	Gas
Uteland Buttes	6,250'	Gas
Mesaverde	7,365'	Gas

4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

<u>Type</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Conn.</u>	<u>Top</u>	<u>Bottom</u>	<u>Hole</u>
Surface	13-3/8"	48.0 ppf	H-40	STC	0'	86'	17-1/2"
Intermediate	8-5/8"	32.0 ppf	J-55	LTC	0'	2,200'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	8,000'	7-7/8"

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized.

Intermediate hole: To be drilled using a diverter stack with rotating head to divert flow from rig floor.

Production hole: Prior to drilling out the intermediate casing shoe, 3,000 psi or greater BOP equipment will be installed.

The pipe rams will be operated at least once per day from intermediate casing to total depth. The blind rams will be tested once per day from intermediate casing to total depth if operations permit.

## DRILLING PLAN

CONFIDENTIAL

### APPROVAL OF OPERATIONS

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling below the intermediate casing shoe. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	3,000 psi
3.	Kill line valves	3,000 psi
4.	Choke line valves and choke manifold valves	3,000 psi
5.	Chokes	3,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	3,000 psi
8.	Dart valve	3,000 psi

#### 6. MUD SYSTEMS

- An air or an air/mist system may be used to drill to drill the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.

<u>Depths</u>	<u>Mud System</u>
0' – 500'	Air foam mist, no pressure control
500' – 2,200'	Fresh water, rotating head and diverter
2,200' – 8,000'	Fresh water/2% KCL/KCL mod system

#### 7. BLOOIE LINE

- An automatic igniter will not be installed on blooie line. The blooie will have a constant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 100' from the wellhead.

#### 8. AUXILIARY EQUIPMENT TO BE USED

- a. Kelly cock.
- b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

#### 9. TESTING, LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to intermediate casing.
- The gamma ray will be left on to record from total depth to intermediate casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to intermediate casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

#### 10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 1,500–2,000 psi (lower than normal pressure gradient).
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H<sub>2</sub>S gas.

#### 11. WATER SUPPLY

- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

DRILLING PLAN

APPROVAL OF OPERATIONS

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12. CEMENT SYSTEMS

a. Surface Cement:

Drill 17-1/2" hole to 500' and cement 13-3/8" to surface with 450 sks class "C" cement with 2% CaCl<sub>2</sub> and 1/4 #/sk. Poly-E-Flakes (volume includes 40% excess). Top out if necessary with Top Out cement listed below.

b. Intermediate Casing Cement:

- Drill 12-1/4" hole to 2,200'±, run and cement 8-5/8" to surface.
- Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
- Run 1" tubing in annulus to 200'± and cement to surface.  
Note: Repeat "Top Out" procedure until cement remains at surface.
- Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug two joints off bottom e) bottom three joints thread locked f) pump job with bottom plug only.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume	Excess
Lead	370	0'-1,700'	11.0 ppg	3.82 CFS	707 CF	1,414 CF	100%
Tail	367	1,700'-2,200'	15.6 ppg	1.20 CFS	220 CF	440 CF	100%
Top Out	102	0'-200'	15.8 ppg	1.17 CFS	95 CF	119 CF	25% (If required)

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.  
Slurry yield: 3.82 cf/sack      Slurry weight: 11.00 #/gal.  
Water requirement: 22.95 gal/sack  
Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.  
Pump Time: 1 hr. 5 min. @ 90 °F.  
Compressives @ 95 °F: 24 Hour is 4,700 psi

Top Out: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 3% bwoc Calcium Chloride + 44.3% fresh water.

c. Production Casing Cement:

- Drill 7-7/8" hole to 8,000'±, run and cement 5 1/2".
- Cement interface is at 3,600', which is typically 500'-1,000' above shallowest pay.
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H2O spacer.
- Displace with 3% KCL.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume	Excess
Lead	89	3,600'-4,400'	11.5 ppg	3.12 CFS	139 CF	277 CF	100%
Tail	719	4,400'-8,000'	13.0 ppg	1.75 CFS	628 CF	1,258 CF	100%

Note: Caliper will be run to determine exact cement volume.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.  
Slurry yield: 3.12 cf/sack      Slurry weight: 11.60 #/gal.  
Water requirement: 17.71 gal/sack  
Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322, & HR-5.  
Slurry yield: 1.75 cf/sack      Slurry weight: 13.00 #/gal.  
Water requirement: 9.09 gal/sack  
Compressives @ 165°F: 905 psi after 24 hours

13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date: March 15, 2003  
Duration: 14 Days

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**DIVISION OF OIL, GAS AND MINING**

**SPUDDING INFORMATION**

Name of Company: DOMINION EXPLOR & PROD INC

Well Name: STATE 5-36E

Api No: 43-047-34241 Lease Type: STATE

Section 36 Township 10S Range 19E County UINTAH

Drilling Contractor PATTERSON DRILLING RIG# 104

**SPUDDED:**

Date 03/21/03

Time 2:00 AM

How ROTARY

**Drilling will commence:** \_\_\_\_\_

Reported by JIM LAKE

Telephone # 1-435-724-2366

Date 03/21/2003 Signed: CHD

CONFIDENTIAL

FORM 9

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-42175
2. NAME OF OPERATOR: Dominion Exploration & Production, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 14000 Quail Springs CITY Oklahoma City STATE OK ZIP 73134		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (405) 749-1300		8. WELL NAME and NUMBER: State 5-36
10. FIELD AND POOL, OR WILDCAT:		9. API NUMBER: 43-047-34241

4. LOCATION OF WELL FOOTAGES AT SURFACE: 2377' FNL & 514' FWL COUNTY: Uintah	STATE: UTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 36 10S 19E	

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Spud Well
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

3/14/03 Spud well. 3/15/03 ran 12 jts. 13 3/8", H-40, 48# csg., set @ 523'. Cemented w/465 sks Premium Plus. Bumped plug, 26 bbls of cement returned. 3/22/03 ran 52 jts. 8 5/8", 32#, J-55, 8rd csg., set @ 2246'. Cemented lead w/290 sks Hi-Fill, tailed w/320 sks Prem AG-300. Bumped plug, 21 bbls of cement returned. Currently drilling @ 3,800'.

RECEIVED

APR 01 2003

DIV. OF OIL, GAS &amp; MINING

NAME (PLEASE PRINT) Carla Christian	TITLE Regulatory Technician
SIGNATURE <i>Carla Christian</i>	DATE 3/27/2003

(This space for State use only)

RECEIVED

APR 01 2003

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 6

DIV. OF OIL, GAS &amp; MINING

## ENTITY ACTION FORM

Operator: Dominion Exploration & Production, Inc.  
Address: 14000 Quail Springs Parkway, Suite 600  
city Oklahoma City  
state Ok zip 73134

Operator Account Number: N ~~0695~~ 1095Phone Number: (405) 749-1300

## Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-34241	State 5-36E		SWNW	36	10S	19E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	13753	3/14/2003			4/4/2003	
Comments:							

## Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

## Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

## ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Carla Christian

Name (Please Print)

Carla Christian

Signature

Regulatory Specialist

3/26/2003

Title

Date

# DOMINION EXPLORATION & PRODUCTION, INC.

## DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

Well: WHB 5-36 E			Date: 4/3/2003		Days: 20			
Depth: 8030'		Prog: 0		OPR: Nipple down B.O.P-Clean Tanks		Formation: Shale, Sandstone		
DMC: \$ 0		TMC: \$		TDC: \$ 38,386		CWC: \$ 535,213		
Contractor: PATTERSON 104			Mud Co: ANCHOR			TANGIBLE		
						INTANGIBLE		
MW: Liner:		Bit #:		Conductor:		Rig Move: \$ -		
VIS: Stroke:		S/N:		Surf. Csg: \$ -		Location: \$ -		
PV/YP: SPM:		Size:		Int. Csg: \$ -		Rig Cost: \$ 7,500		
Gel: Press:		MFG:		Prod Csg: \$ -		BHA: \$ -		
ph: GPM:		Type:		Float Equip: \$ -		Cement: \$ 29,671		
WL: NV:		Jets:		Well Head: \$ -		Mud Logger: \$ -		
Cake: AV:		In:		TBG/Rods: \$ -		Water: \$ -		
Sand: Dev:		Out:		Packers: \$ -		Bits / Corehead: \$ -		
Solids:		FTG:		Tanks: \$ -		Rental Tools: \$ 500		
Chls:		Hrs:		Separator: \$ -		Corrosion: \$ -		
Pr/Mf:		FPH:		Heater: \$ -		Consultant: \$ 615		
LCM:		T/B/G:		Pumping L/T: \$ -		Drilling Mud: \$ -		
Ca:		WOB:		Prime Mover: \$ -		Misc. / Labor: \$ -		
Time Break Down:			RPM:		Misc: \$ -		Forklift: \$ 100	
START	END	TIME	BHA:		Daily Total: \$ -		Daily Total: \$ 38,386	
6:00	10:30	4:30	Attempting to circulate, Working stuck casing				Cum. Wtr: \$ -	
10:30	19:30	9:00	Rigged up Weatherford Wire Line:Ran Free Point .100 % Stuck				Cum. Fuel \$ -	
			at 7770 ft. 100 % free at 7510 ft.Perforated 4 S.P.F. on 90 Degree..				Cum. Bits: \$ -	
			Phasing at 7760 ft.Rigged up Halliburton attempted to establish				Rot. Hrs:	
			circulation by pumping with Halliburton at 2800 psi and working stuck casing from 200,000 #					
			high to 65,000 # low.pumped a total of 390 barrels without establishing circulation. Rigged up					
			ran and set on wire line at 7715 ft a Halliburton wire line set a F.A.S. drill 15.5-23.o ppf.					
			drillable packer.					
19:30	21:30	2:00	Cemented with 100 sacks HLC 65% cement ,35% posmix,6% gel 3% K.C.L.,1 % EX-1					
			6 % HALAD-322,2% HR-5 using 8.81 gallons water per sack giving a yield of 1.69 per cu.ft.					
			mixed at 13# Per gallon (30 bbls. Cmt.)dropped plug displaced with 179 bbls. 2 % K.C.L.					
			water bumped plug at 20:30 hours. After displacing plug with 80 barrels pump pressure broke					
			from 2560 P.S.I. At 7 B.P.M. to 1211 P.S.I. At 10 B.P.M- <del>got returns</del> to surface.					
			Rigged down Halliburton					
21:30	4:00	6:30	Nipple down B.O.P. Set casing Slips with 75,000 pounds.					
4:00	6:00	2:00	Rigging down B.O.P. and Cleaning Mud Tanks.					
TRIP GAS								
CONN								
BKG GAS								
CMIC:		JIMMY F. LAKE						





CONFIDENTIAL

FORM 9

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>ML-42175</b>
2. NAME OF OPERATOR: <b>Dominion Exploration &amp; Production, Inc.</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: <b>14000 Quail Springs</b> CITY <b>Oklahoma City</b> STATE <b>OK</b> ZIP <b>73134</b>		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>2377' FNL &amp; 514' FWL</b>		8. WELL NAME and NUMBER: <b>State 5-36E</b>
5. PHONE NUMBER: <b>(405) 749-1300</b>		9. API NUMBER: <b>43-047-34241</b>
6. COUNTY: <b>Uintah</b>		10. FIELD AND POOL, OR WILDCAT:
7. STATE: <b>UTAH</b>		

### 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <b>Current Drilling Operations.</b>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

### 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

From 3-26-03 to 4-01-03 drilled f/3,800' to 8,030'. 4-01-03 currently logging well.

NAME (PLEASE PRINT) <u>Carla Christian</u>	TITLE <u>Regulatory Specialist</u>
SIGNATURE <u>Carla Christian</u>	DATE <u>4/4/2003</u>

(This space for State use only)

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**APR 08 2003**  
DIV. OF OIL, GAS & MINING

CONFIDENTIAL

CMIC: JIMMY F. LAKE

## DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

# DOMINIO EXPLORATION & PRODUCTION, INC.

## DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

Well: WHB 5-36-E				Date: 04/12/03		Days: 3		
Depth: 8030'		Prog:		OPR: PBTD 7916		Formation: Shale		
DMC: \$ 0		TMC: \$ 0		TDC: \$ -		CWC: \$ 45,951		
Contractor: Pool Well Service		Mud Co: ANCHOR		TANGIBLE		INTANGIBLE		
MW: 8.5	Liner:	Bit #:		Conductor:		Rig Move:	\$ -	
VIS: 27	Stroke:	S/N:		Surf. Csg:	\$ -	Location:	\$ -	
PV/YP: NA/NA	SPM:	Size:		Int. Csg:	\$ -	Rig Cost:	\$ 3,150	
Gel: NA	Press:	MFG:		Prod Csg:	\$ -	BHA:	\$ -	
ph: 9.5	GPM:	Type:		Float Equip:	\$ -	Cement:	\$ -	
WL: N.C.	NV:	Jets:		Well Head:	\$ -	Mud Logger:	\$ -	
Cake: NA	AV:	In:		TBG/Rods:	\$ -	Water:	\$ -	
Sand: NIL	Dev:	Out:		Packers:	\$ -	Bits / Corehead:	\$ -	
Solids: NIL		FTG:		Tanks:	\$ -	Rental Tools:	\$ -	
Chls: 14,000		Hrs:		Separator:	\$ -	Corrosion:	\$ -	
Pf/Mf: .2/.3		FPH:		Heater:	\$ -	Consultant:	\$ -	
LCM:		T/B/G:		Pumping L/T:	\$ -	Drilling Mud:	\$ -	
Ca: 320		WOB:		Prime Mover:	\$ -	Misc. / Labor:	\$ 4,533	
Time Break Down:			RPM:		Misc:	\$ -	Forklift:	\$ -
			BHA:		Daily Total:	\$ -	Daily Total:	\$ 7,683
START	END	TIME						
7:00	17:30	10:30	PULLED OUT OF HOLE WITH 2 3/8" TUBING				Cum. Wtr:	\$ -
			RIGGED UP CUTTERS WIRE LINE SERVICE.				Cum. Fuel	\$ -
			RAN GAMMA-RAY, CEMENT BOND LOG FROM 7911 Ft. TO				Cum. Bits:	\$ -
			4000 FT. FREE PIPE FROM 7911 FT UP TO 7150 FT. HAD				Rot. Hrs:	
			CEMENT BONDING FROM 7150 FT UP TO 6550 FT. HAD MUD BONDING FROM 6550 FT					
			UP TO 4400 FT. HAD FREE PIPE FROM 4400 FT UP TO 4000 FT. RIGGED DOWN CUTTERS					
			MADE UP HALLIBURTON R.T.T.S. TOOL WITH WIRE LINE ENTRY GUIDE ON BOTTOM.					
			STARTED IN HOLE TO 1900 FT, WELL STARTED FLOWING WATER & GAS. INSTALLED					
			SAFETY VALVE AND CIRCULATED OUT GAS WITH 55 BARRELS 2 % K.C.L. WATER					
			CONTINUED RUNNING IN HOLE WITH R.T.T.S. TOOL TO 7679 FEET. SECURED WELL FOR					
			WEEK-END					
			<b>NOTE :::</b>					
			<b>WELL TRYING TO FLOW FROM PERFORATIONS AT 7760 FEET</b>					
			<b>THIS COULD HAVE A BEARING ON SQUEEZING PROGRAM</b>					
							TRIP GAS	???????
							CONN	
BHA = HALLIBURTON R.T.T.S. WITH WIRE LINE GUIDE							BKG GAS	
CMIC: JIMMY F. LAKE								

# DOMINIO EXPLORATION & PRODUCTION, INC.

## DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

Well: WHB 5-36-E			Date: 04/15/03		Days: 4	
Depth: 8030'		Prog:		OPR: P.B.T.D. 7870 WITH EZSV		Formation:
DMC: \$ 0		TMC: \$ 0		TDC: \$ 8,878		CWC: \$ 54,829
Contractor: Pool Well Service			Mud Co: ANCHOR		TANGIBLE	
INTANGIBLE						
MW:	Liner:	Bit #:		Conductor:	Rig Move:	\$ -
VIS:	Stroke:	S/N:		Surf. Csg:	Location:	\$ -
PV/YP:	SPM:	Size:		Int. Csg:	Rig Cost:	\$ 3,378
Gel:	Press:	MFG:		Prod Csg:	BHA:	\$ -
ph:	GPM:	Type:		Float Equip:	Cement:	\$ -
WL:	NV:	Jets:		Well Head:	Mud Logger:	\$ -
Cake:	AV:	In:		TBG/Rods:	Water:	\$ -
Sand:	Dev:	Out:		Packers:	Bits / Corehead:	\$ -
Solids:		FTG:		Tanks:	Rental Tools:	\$ -
Chls:		Hrs:		Separator:	Corrosion:	\$ -
Pf/Mf:		FPH:		Heater:	Consultant:	\$ -
LCM:		T/B/G:		Pumping L/T:	Drilling Mud:	\$ -
Ca:		WOB:		Prime Mover:	Misc. / Labor:	\$ 5,500
Time Break Down:			RPM:		Misc:	\$ -
START	END	TIME	BHA:		Daily Total:	\$ 8,878
6:00	7:00	1:00	S.I.C.P. 200 P.S.I./S.I.D.P.P.250 P.S.I .OPEN WELL BLED OFF			Cum. Wtr:
			PRESSURE. In 5 MINUTES. RIGGED UP HALLIBURTON			Cum. Fuel
7:00	8:00	1:00	SET R.T.T.S. TOOL AT 7798 FEET.ATTEMPT TO PUMP DOWN			Cum. Bits:
			TUBING AND AROUND SHOE WITH 3500 P.S.I. NO BLEED OFF			Rot. Hrs:
8:00	9:00	1:00	RAN IN HOLE WITH CUTTERS WIRE LINE WITH 1 FOOT 1 11/16 th. THRU TUBING GUN			
			LOADED WITH 4 SHOTS PER FOOT ON 0 DEGREE PHASING PERFORARED AT 7885 FEET.			
9:00	10:00	1:00	SET R.T.T.S. TOOL AT 7806 FEET. TRY TO BREAK CIRCULATION IN HOLES AT 7885 AND			
			OUT HOLES AT 7766 FEET.PRESSURED UP TO 4000 P.S.I.. NO BLEED OFF. QUESTIONED CUT			
			ABOUT HOLES. THEY ASSURED ME WE WERE GETTING 10" OF PENETRATION			
10:00	11:00	1:00	PERFORATED 8 SHOTS PER FOOT ON 0 DEGREE PHASING WITH 1 11/16 th. TUBING GUN AT			
11:00	17:00	6:00	SET R.T.T.S. TOOL AT 7806 FEET BROKE CIRCULATION. CIRCULATED OUT GAS.P.O.O.H			
			WITH R.T.T.S. TOOL..RAN IN HOLE WITH CUTTERS AND SET EZSV ON WIRE LINE AT 7870 FEET			
			RAN IN HOLE WITH EZSV STINGER ON TUBING.WELL TRYING TO FLOW .WOULD HAVE TO ST			
			AND KILL WELL EVERY FEW STANDS.			
17:00	19:00	2:00	STUNG INTO RETAINER AT 7870 FEET. CIRCULATED 200 BARRELS WATER HOLDING 500			
			BACK PRESSURE. COULD NOT KILL WELL. S.W.I.F.N. WAITING ON BRINE WATER			
TRIP GAS						
CONN						
BHA = BKG GAS						
CMIC: JIMMY F. LAKE						

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-42175
2. NAME OF OPERATOR: Dominion Exploration & Production, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 14000 Quail Springs CITY Oklahoma City STATE OK ZIP 73134		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2377' FNL & 514' FWL		8. WELL NAME and NUMBER: State 5-36E
PHONE NUMBER: (405) 749-1300		9. API NUMBER: 43-047-34241
10. FIELD AND POOL, OR WILDCAT:		
COUNTY: Uintah		
STATE: UTAH		

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Current Drilling Operations.
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

## 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

4/1/03 ran 185 jts. 5 1/2", 17# csg., set @ 7989'. Cemented w/100 sks HLC. 4/3/03 released drilling rig. 4/9/03 Rig up completion rig.

NAME (PLEASE PRINT) Carla Christian	TITLE Regulatory Specialist
SIGNATURE <i>Carla Christian</i>	DATE 4/11/2003

(This space for State use only)

RECEIVED

APR 16 2003

## DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

Well:			WHB 5-36-E				Date: 04/16/03		Days: 5	
Depth: 8030'		Prog: 0		OPR: P.B. f.D. 7760 ft.			Formation:			
DMC: \$ 0		TMC: \$ 0			TDC: \$ 9,308		CWC: \$ 64,137			
Contractor: Pool Well Service			Mud Co: Anchor			TANGIBLE		INTANGIBLE		
MW:		Liner:		Bit #:		Conductor:		Rig Move: \$ -		
VIS:		Stroke:		S/N:		Surf. Csg: \$ -		Location: \$ -		
PV/YP:		SPM:		Size:		Int. Csg:		Rig Cost: \$ 3,008		
Gel:		Press:		MFG:		Prod Csg: \$ -		BHA: \$ -		
ph:		GPM:		Type:		Float Equip: \$ -		Cement: \$ -		
WL:		NV:		Jets:		Well Head:		Mud Logger: \$ -		
Cake:		AV:		In:		TBG/Rods: \$ -		Water: \$ 2,000		
Sand:		Dev:		Out:		Packers: \$ -		Bits / Corehead: \$ -		
Solids:				FTG:		Tanks: \$ -		Rental Tools: \$ 800		
Chls:				Hrs:		Separator: \$ -		Corrosion: \$ -		
Pf/Mf:				FPH:		Heater: \$ -		Consultant: \$ -		
				T/B/G:		Pumping L/T: \$ -		Drilling Mud: \$ -		
Ca:				WOB:		Prime Mover: \$ -		Misc. / Labor: \$ 3,500		
				RPM:		Misc: \$ -		Forklift: \$ -		
START	END	TIME	BHA:		Daily Total: \$ -		Daily Total: \$ 9,308			
6:00	7:00	1:00	S.I.C.P.=150 P.S.I.,S.I.D.P.P.=100 P.S.I. BLED OFF PRESSURE					Cum. Wtr: \$ -		
7:00	8:00	1:00	CIRCULATE HOLE WITH 9.6 P.P.G.BRINE WATER. KILL WELL					Cum. Fuel \$ -		
8:00	10:00	2:00	CEMENTED PERFORATIONS 7876 ft. to 7760 BY CIRCULATING					Cum. Bits: \$ -		
			40 SACKS(8 BARRELS) CEMENT AS FOLLOWS 40 SACKS					Rot. Hrs:		
			CLASS "G"+ 3% HALAD-322, +.3% HALAD-344 +.1% HR-5 USING 4.94 Gallons WATER PER							
			SACK GIVING A YIELD OF 1.15 CU/FT/SACK MIXED AT 15.80 P.P.G.STUNG OUT OF Retainer							
			AT 7870 ft.PULLED OUT OF HOLE TO 7684 FT. REVERSED OUT 2 BARRELS CEMENT							
10:00	15:00	5:00	PULLED OUT OF HOLE WITH STINGER, RIGGED UP AND PERFORATED @ 7180 ft. & 7730							
			SET EZSV RETAINER @7260 RAN IN HOLE STUNG INTO RETAINER @ 7260 FEET AND							
			ESTABLISHE CIRCULATION.							
15:00	16:30	1 1/2	CEMENTED PERFORATIONS 7730 ft. to 7180 ft.BY CIRCULATING 195 SACKS CLASS "G"							
			CEMENT + .3% HALAD -322 +.3% -HALAD 344 + .1% HR-5 MIXED WITH 4.94 WATER Per SK.							
			GIVING A YIELD OF 1.15 CU/FT/SK. MIXED AT 15.80 P.P.G. DISPLACED CEMENT DOWN TO							
			7720 FT. LOST RETURNS 13 BARRELS FROM FINAL DISPLACEMENT. STUNG OUT OF							
			RETAINER. PULLED UP TO 7000 FEET. REVERSED OUT .NO CEMENT.							
16:30	18:30	2:00	PULLED OUT OF HOLE S.W.I.F.N.							
TRIP GAS										
CONN										
BHA = BKG GAS										
JIMMY F. LAKE										

# DOMINIO EXPLORATION & PRODUCTION, INC.

## DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

Well: WHB 5-36-E				Date: 04/17/03		Days: 6	
Depth: 8030'		Prog: 0		OPR: P.B.T.D.		Formation:	
DMC: \$ 0		TMC: \$ 0		TDC: \$ 6,492		CWC: \$ 70,629	
Contractor:			Mud Co:			TANGIBLE	
MW:			Liner:			INTANGIBLE	
VIS:		Stroke:		S/N:		Conductor:	
PV/YP:		SPM:		Size:		Rig Move: \$ -	
Gel:		Press:		MFG:		Surf. Csg: \$ -	
ph:		GPM:		Type:		Location: \$ -	
WL:		NV:		Jets:		Rig Cost: \$ 3,492	
Cake:		AV:		In:		Int. Csg: \$ -	
Sand:		Dev:		Out:		Prod Csg: \$ -	
Solids:		FTG:				BHA: \$ -	
Chls:		Hrs:				Float Equip: \$ -	
P/Mf:		FPH:				Cement: \$ -	
LCM:		T/B/G:				Well Head: \$ -	
Ca:		WOB:				Mud Logger: \$ -	
Time Break Down:		RPM:				TBG/Rods: \$ -	
START	END	TIME	BHA:			Water: \$ -	
6:00	7:00	1:00				Packers: \$ -	
						Bits / Corehead: \$ -	
7:00	8:00	1:00				Tanks: \$ -	
						Rental Tools: \$ -	
8:00	9:00	1:00				Separator: \$ -	
						Corrosion: \$ -	
						Heater: \$ -	
						Consultant: \$ -	
						Pumping L/T: \$ -	
						Drilling Mud: \$ -	
						Prime Mover: \$ -	
						Misc. / Labor: \$ 3,000	
						Misc: \$ -	
						Forklift: \$ -	
						Daily Total: \$ 6,492	
CHECK WELL, 5 1/2" CASING ON SLIGHT VACUMN. 8 5/8" BY					Cum. Wtr: \$ -		
5 1/2" ANNULUS HAD 50 P.S.I. BLED OFF INSTANTLY					Cum. Fuel \$ -		
PRESSURED UP 5 1/2" CASING TO 2,000 P.S.I. BLED OFF 150					Cum. Bits: \$ -		
P.S.I. IN 15 MINUTES. RELEASED PRESSURE.					Rot. Hrs:		
RIGGED UP CUTTERS WIRE LINE, RAN IN HOLE WITH 4 FT. CASING GUN LOADED WITH							
4 SHOTS PER FOOT. PERFORATED 16 HOLES OF .43" DIAMETER FROM 6470 FT. TO							
6474 FEET. RIGGED DOWN CUTTERS WIRE LINE SERVICES. INJECTED 205 BARRELS 9.6#							
BRINE AT 10 BARRELS/MINUTE @ 2100 P.S.I. NO CIRCULATION, NO BLOW ON 8 5/8" CASG							
PUMPED 750 BARRELS FRESH WATER @ 10 BARRELS MINUTE @ 2400 P.S.I. NO BLOW							
OR CIRCULATION SHUT DOWN S.I.P. 2100 P.S.I. BLED BACK 75 BARRELS WATER. RIGGED							
CUTTERS WIRE LINE. RAN IN HOLE WITH 1' CASING GUN LOADED WITH 4 SHOTS PER FT.							
PERFORATED WITH .43" DIAMETER HOLES FROM 6230 FT. TO 6231 FT. 4 HOLES. RAN IN HOLE							
WITH R.T.T.S TOOL SET @ 6336 FT. BROKE CIRCULATION W/ 500 P.S.I. @ 1 B.P.M. CIRCULAT							
PULLED OUT OF HOLE RAN AND SET EZSV AT 6400 FT. RAN IN HOLE WITH STINGER TO							
6400 FEET. STUNG INTO EZSV, COULD NOT CIRCULATE, MIXED AND PUMPED 60 SACKS							
"G" NEET @ 15.8 P.P.G. DISPLACED WITH 1600 P.S.I. WELL STARTED CIRCULATING. STUNG							
OUT OF EZSV. DUMPED 1 BARREL CEMENT ON EZSV. PULLED UP TO 6162 REVERSED							
OUT 1 BARREL CEMENT. PULLED 10 STANDS. S.W.I.F.N.							
TRIP GAS							
CONN							
BHA = BKG GAS							
CMIC: JIMMY F. LAKE							



# DOMINIO EXPLORATION & PRODUCTION, INC.

## DAILY DRILLING AND COMPLETION REPORT

CONFIDENTIAL

Well: WHB 5-36-E			Date: 04/18/03		Days: 7		
Depth: 8030'		Prog: 0		OPR: P.B.T.D.=6190 FT.		Formation:	
DMC: \$ 0		TMC: \$ 0		TDC: \$ 68,223		CWC: \$ 138,852	
Contractor: Pool Well Service			Mud Co: Anchor			TANGIBLE	
						INTANGIBLE	
MW:	Liner:	Bit #:		Conductor:	Rig Move:	\$ -	
VIS:	Stroke:	S/N:		Surf. Csg:	Location:	\$ -	
PV/YP:	SPM:	Size:		Int. Csg:	Rig Cost:	\$ 3,637	
Gel:	Press:	MFG:		Prod Csg:	BHA:	\$ -	
ph:	GPM:	Type:		Float Equip:	Cement:	\$ 28,861	
WL:	NV:	Jets:		Well Head:	Mud Logger:	\$ -	
Cake:	AV:	In:		TBG/Rods:	Water:	\$ 23,011	
Sand:	Dev:	Out:		Packers:	Bits / Corehead:	\$ -	
Solids:		FTG:		Tanks:	Rental Tools:	\$ -	
Chls:		Hrs:		Separator:	Corrosion:	\$ -	
Pf/Mf:		FPH:		Heater:	Consultant:	\$ -	
LCM:		T/B/G:		Pumping L/T:	Drilling Mud:	\$ -	
Ca:		WOB:		Prime Mover:	Misc. / Labor:	\$ 12,714	
Time Break Down:				RPM:	Misc:	Forklift:	
START	END	TIME		BHA:	Daily Total:	\$ 68,223	
6:00	7:00	1:00	S.I.C.P.=100 P.S.I.,S.I.D.P.P.=100 P.S.I..BLED OFF PRESSURE				Cum. Wtr:
7:00	18:30	11:30	ATTEMPT TO PRESSURE TEST PERFORATIONS AT 6230 FEET				Cum. Fuel
			PUMPED 1 B.P.M. WITH 750 P.S.I.,2 B.P.M.@1050 P.S.I.,4 B.P.M.				Cum. Bits:
			8 B.P.M. @ 2300 P.S.I.PUMPED 100 BARRELS FRESH WATER				Rot. Hrs:
			FOLLOWED BY 30 BARRELS MUD FLUSH.PUMPED270 BARRELS FRESH WATER.START				
			GETTING RETURNS AT SURFACE.RAN OUT OF WATER. PULLED OUT OF HOLE WITH HAL-				
			IBURTON STINGER.PUMPED 65 BARRELS 200 VISCOSITY GEL WATER,FOLLOWED BY 200				
			BARRELS FRESH WATER FOLLOWED BY 65 BARRELS 200 VISCOSITY GEL WATER.PUMP				
			660 BARRELS FRESH WATER WITH STRONG GAS POCKET RETURNS AT SURFACE.				
			RAN AND SET HALLIBURTON D.T.T.S.PLUG WITH FLAPPER@6190 FEET.NIPPLE DOWN				
			B.O.P.NIPPLE UP HALLIBURTON CEMENTING HEAD.PUMPED 30 BARRELS MUD FLUSH				
18:30	21:30	3:00	CEMENTED WITH 190 SACKS PREMAG300 +16%gel, +.6%EX-1, +1%HR-7, +3 % salt(bwoc)				
			10 pounds gilsonite, + .25 POUNDS flocele using 17.83 gallons water per sack giving a yield.				
			of 3.12 cuft/sk mixed at 11.6 PPG. Followed with 470 sacks PREMAG300 with 65% cement				
			35 % posmix, 6 % gel, 3% KCL(bwow), 1%EX-1,6% HALAD-322, 2% hr-5 using 8.81 gallons				
			water per sack giving a yield of 1.69 cuft/sk mixed at 13.00 ppg. Followed with 40 sacks				
			PREMAG-300 neat cement using 5.00 gallons water per sack giving a yield of 1.18 cuft/sk				
			mixed at 15.6 ppg. Pumped plug bumped plug with 3,000 psi at 21:30 hours.W.O.C.				
TRIP GAS							
CONN							
BHA = BKG GAS							
CMIC: JIMMY F. LAKE							

# DAILY DRILLING AND COMPLETION REPORT

~~CONFIDENTIAL~~

# DAILY DRILLING AND COMPLETION REPORT

~~CONFIDENTIAL~~

CONFIDENTIAL

FORM 9

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-42175
2. NAME OF OPERATOR: Dominion Exploration & Production, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 14000 Quail Springs CITY Oklahoma City STATE OK ZIP 73134		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (405) 749-1300		8. WELL NAME and NUMBER: State 5-36E
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2377' FNL & 514' FWL		9. API NUMBER: 43-047-34241
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 36 10S 19E		10. FIELD AND POOL, OR WILDCAT:

COUNTY: Uintah

STATE: UTAH

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Current Drilling Operations.
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

4/2/03 Pipe stuck. See attached daily drilling reports for 4-3-03 thru 4-19-03.

NAME (PLEASE PRINT) Carla Christian	TITLE Regulatory Specialist
SIGNATURE <i>Carla Christian</i>	DATE 4/21/2003

(This space for State use only)

RECEIVED

APR 24 2003

DIV. OF OIL, GAS &amp; MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

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2. NAME OF OPERATOR: Dominion Exploration & Production, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 14000 Quail Springs CITY Oklahoma City STATE OK ZIP 73134		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2377' FNL & 514' FWL		8. WELL NAME and NUMBER: State 5-36E
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 36 10S 19E		9. API NUMBER: 43-047-34241
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT:
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Current Drilling Operations.</u>	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

4/20/03 thru 4/22/03 drilled out retainers. 4/24/03 Ran bond log, TOC @ 4,440', attempt to pump into 5 1/2" x 8 5/8" annulus w/3500 psi, could not (solid). No cement between 4,440' and the 8 5/8" csg. shoe @ 2,250'. Mr. David Hackford @ the Division of Oil, Gas & Mining was notified of the situation and gave verbal approval to go ahead with completion operations.

NAME (PLEASE PRINT) Carla Christian TITLE Regulatory Specialist  
SIGNATURE Carla Christian DATE 4/26/2003

(This space for State use only)

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MAY 01 2003

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML - 42175
2. NAME OF OPERATOR: Dominion Exploration & Production, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 14000 Quail Springs CITY Oklahoma City STATE OK ZIP 73134		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 514' FWL & 2377' FNL		8. WELL NAME and NUMBER: State 5-36E
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 36 10S 19E		9. API NUMBER: 43-047-34241
		10. FIELD AND POOL, OR WILDCAT: Natural Buttes
		COUNTY: Uintah
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Drilling Operations.
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

4/24/03 thru 4/30/03 Stimulated well, flow back frac fluid. 4/30/03 well turned to sales.

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MAY 12 2003

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Carla Christian	TITLE Regulatory Specialist
SIGNATURE <i>Carla Christian</i>	DATE 5/9/2003

(This space for State use only)

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

AMENDED REPORT ☐ FORM 8  
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

b. TYPE OF WORK: NEW WELL ☒ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER ☐

2. NAME OF OPERATOR: Dominion Exploration & Production, Inc., 14000 Quail Springs Parkway,

3. ADDRESS OF OPERATOR: Suite 600 CITY Oklahoma City STATE OK ZIP 73170 PHONE NUMBER: (405) 749-1300

4. LOCATION OF WELL (FOOTAGES)  
AT SURFACE: 2377' ENL & 514' FWL  
AT TOP PRODUCING INTERVAL REPORTED BELOW:  
AT TOTAL DEPTH:

5. LEASE DESIGNATION AND SERIAL NUMBER: ML-42175

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER: State 5-36E

9. API NUMBER: 43-047-34241

10. FIELD AND POOL, OR WILDCAT: Natural Buttes

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 36 10S 19E

12. COUNTY: Uintah 13. STATE: UTAH

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14. DATE SPUDDED: 3/14/2003 15. DATE T.D. REACHED: 3/30/2003 16. DATE COMPLETED: 4/30/2003

17. ELEVATIONS (DF, RKB, RT, GL): 5402' GL

18. TOTAL DEPTH: MD 8,030 TVD 8,030 19. PLUG BACK T.D.: MD 7,916 TVD 7,916 20. IF MULTIPLE COMPLETIONS, HOW MANY? \*

21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)  
Dual/Micro Laterolog, Compensated Z-Densilog  
Compensated Neutron Log Gamma Ray/Caliper

23. WAS WELL CORED? NO ☒ YES ☐ (Submit analysis)  
WAS DST RUN? NO ☒ YES ☐ (Submit report)  
DIRECTIONAL SURVEY? NO ☒ YES ☐ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
17 1/2"	13 3/8"	H-40 48#	Surface	523		465 Sx Prem		Circ	
12 1/4"	8 5/8 J55	32#	Surface	2,246		610 Sx Prem		Circ	
7 7/8"	5 1/2 P110	17#	Surface	7,989		100 Sx HLC		TOC 4,440	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
3 1/2"	6,927							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Mesaverde	7,154	8,030			7182 - 7229	.43	50	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)					7730 - 7876	.43	80	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

27. PERFORATION RECORD

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
7182 - 7229	Frac w/23,500 gals YF 125LG w/30% N2, and 45,000 lbs 20/40 Ottawa sand.
7730 - 7876	Frac w/47,000 gals YF 125LG w/30% N2, and 90,000 lbs 20/40 Ottawa sand.

CONFIDENTIAL  
PERIOD  
EXPIRED  
ON 5-30-04

29. ENCLOSED ATTACHMENTS:

- ☒ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☐ DIRECTIONAL SURVEY  
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER:

30. WELL STATUS:

Producing

## 31. INITIAL PRODUCTION

## INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 4/30/2003		TEST DATE: 6/5/2003		HOURS TESTED: 24		TEST PRODUCTION RATES: <input type="checkbox"/>		OIL - BBL: 8	GAS - MCF: 1,280	WATER - BBL: 3	PROD. METHOD: Flowing
CHOKE SIZE: 48/64	TBG. PRESS. 219	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO 1:160,000	24 HR PRODUCTION RATES: <input type="checkbox"/>		OIL - BBL: 8	GAS - MCF: 1,280	WATER - BBL: 3	INTERVAL STATUS: Producing

## INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: <input type="checkbox"/>	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: <input type="checkbox"/>	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

## INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: <input type="checkbox"/>	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: <input type="checkbox"/>	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

## INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: <input type="checkbox"/>	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: <input type="checkbox"/>	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

## 32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

## 33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Wasatch Tonque	3,869
				Uteland Limestone	4,217
				Wasatch	4,370
				Chapita Wells	5,192
				Uteland Buttes	6,444
				Mesaverde	7,154

## 35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Carla ChristianTITLE Regulatory Specialist

SIGNATURE

Carla ChristianDATE 6/10/2003

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation

- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340  
Fax: 801-359-3940



Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ

2. CDW

**X - Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**7/1/2007**

**FROM: (Old Operator):**

N1095-Dominion Exploration & Production, Inc  
 14000 Quail Springs Parkway, Suite 600  
 Oklahoma City, OK 73134

Phone: 1 (405) 749-1300

**TO: ( New Operator):**

N2615-XTO Energy Inc  
 810 Houston St  
 Fort Worth, TX 76102

Phone: 1 (817) 870-2800

**CA No.**

**Unit:**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/6/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/6/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/6/2007
- a. Is the new operator registered in the State of Utah: \_\_\_\_\_ Business Number: 5655506-0143
- b. If **NO**, the operator was contacted on: \_\_\_\_\_
- a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: n/a
- c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: \_\_\_\_\_
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: \_\_\_\_\_
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 9/27/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/27/2007
- Bond information entered in RBDMS on: 9/27/2007
- Fee/State wells attached to bond in RBDMS on: 9/27/2007
- Injection Projects to new operator in RBDMS on: 9/27/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: 9/27/2007

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: UTB000138
- Indian well(s) covered by Bond Number: n/a
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 104312762
- b. The **FORMER** operator has requested a release of liability from their bond on: 1/23/2008

The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: \_\_\_\_\_

**COMMENTS:**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: XTO Energy Inc. <i>N2615</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 810 Houston Street CITY Fort Worth STATE TX ZIP 76102		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE ATTACHED		8. WELL NAME and NUMBER: SEE ATTACHED
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER: SEE ATTACHED
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT: Natural Buttes
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input checked="" type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: _____
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective July 1, 2007, XTO Energy Inc. has purchased the wells listed on the attachment from:

Dominion Exploration & Production, Inc.  
14000 Quail Springs Parkway, Suite 600  
Oklahoma City, OK 73134

*N1095*

*James D. Abercrombie*  
James D. Abercrombie  
Sr. Vice President, General Manager - Western Business Unit  
*(405) 749-1300*

Please be advised that XTO Energy Inc. is considered to be the operator on the attached list and is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands. Bond coverage is provided by Nationwide BLM Bond #104312750 and Department of Natural Resources Bond #104312762.

NAME (PLEASE PRINT) <u>Edwin S. Ryan, Jr.</u>	TITLE <u>Sr. Vice President - Land Administration</u>
SIGNATURE <i>Edwin S. Ryan, Jr.</i>	DATE <u>7/31/2007</u>

(This space for State use only)

APPROVED 9127107

*Earlene Russell*  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED

AUG 06 2007

DIV. OF OIL, GAS & MINING

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4301530633	SKYLINE U 1-6	NENE	06	160S	060E	UTU-77263	99999	Federal	GW	DRL
4304731138	RBU 11-34B	NESW	34	090S	190E	U-017713	7058	Federal	GW	P
4304731179	BARTON FED 1-26	NWSE	26	100S	190E	U-43156	8005	Federal	GW	P
4304731724	RBU 11-35B	NESW	35	090S	190E	U-017713	11502	Federal	GW	S
4304731818	WILLOW CREEK UNIT 2	SESW	05	110S	200E	U-39223	11604	Federal	GW	TA
4304731878	EVANS FED 3-25	NENW	25	100S	190E	U-43156	11106	Federal	GW	P
4304731879	EVANS FED 41-26	NENE	26	100S	190E	U-43156	11034	Federal	GW	P
4304731881	APACHE 12-25	NWSW	25	100S	190E	UTU-3405	11080	Indian	GW	P
4304731897	END OF THE RAINBOW 21-1	SWSE	21	110S	240E	U-54224	11223	Federal	GW	S
4304731922	APACHE FED 44-25	SESE	25	100S	190E	U-3405	11185	Federal	GW	S
4304732094	RBU 13-35B	SWSW	35	090S	190E	U-017713	7058	Federal	GW	S
4304732222	RBU 15-35B	SWSE	35	090S	190E	U-017713	11365	Federal	GW	S
4304732237	FEDERAL 13-26B	SWSW	26	090S	190E	UTU-68625	11370	Federal	GW	S
4304732394	EVANS FED 12-25A	SWNW	25	100S	190E	U-43156	11451	Federal	GW	P
4304732395	EVANS FED 32-26	SWNE	26	100S	190E	U-43156	11447	Federal	GW	P
4304732515	WHB 1-25E	NENE	25	100S	190E	U-73011	11720	Federal	GW	P
4304732557	FEDERAL 12-11	SWNW	11	120S	240E	UTU-66425	11761	Federal	GW	S
4304732558	FEDERAL 34-30	SWSE	30	110S	230E	UTU-66410	11747	Federal	GW	S
4304732559	FEDERAL 22-22	SENW	22	110S	230E	UTU-66409	11746	Federal	GW	P
4304732560	FEDERAL 21-27	NENW	27	100S	240E	UTU-66422	11762	Federal	GW	P
4304732600	RBU 1-21EO	NENE	21	100S	190E	U-013766	11783	Federal	OW	S
4304732681	LANDING STRIP FEDERAL 44-10	SESE	10	120S	240E	UTU-69430	11853	Federal	GW	S
4304733019	BLACK DRAGON UNIT 31-34	NWNE	34	100S	240E	UTU-66422	12280	Federal	GW	P
4304733242	FEDERAL K 23-22	NESW	22	110S	210E	UTU-75098	13107	Federal	GW	P
4304733299	FED K 12-22	SWNW	22	110S	210E	UTU-75098	13133	Federal	GW	P
4304733508	EVANS FED 15-26E	SWSE	26	100S	190E	U-3405	12767	Federal	GW	P
4304733509	EVANS FED 9-26E	NESE	26	100S	190E	UTU-3405	12749	Federal	GW	P
4304733510	EVANS FED 10-25E	NWSE	25	100S	190E	U-3405	12927	Federal	GW	P
4304733511	EVANS FED 14-25E	SESW	25	100S	190E	U-3405	12793	Federal	GW	P
4304734000	RBU 1-18E	NENE	18	100S	190E	UTU-3576	14549	Federal	GW	P
4304734669	EVANS FED 4-25E	NENE	26	100S	190E	U-43156	13588	Federal	GW	P
4304734887	EVANS FED 2-26E	NWNE	26	100S	190E	U-43156	13830	Federal	GW	P
4304734908	EVANS FED 15-25E	NWSE	25	100S	190E	U-3405	14023	Federal	GW	P
4304734909	WH FED 11-26E	NESW	26	100S	190E	UTU-3405	14629	Federal	GW	P
4304734984	WHB 4-26E	NWNW	26	100S	190E	U-43156	14898	Federal	GW	P
4304734985	WHB 6-26E	SENW	26	100S	190E	U-43156	14886	Federal	GW	P
4304735034	EVANS FED 8-26E	SENE	26	100S	190E	U-43156	14145	Federal	GW	P
4304735035	WHB 12-26E	NWSW	26	100S	190E	UTU-3405	14899	Federal	GW	P
4304735036	EVANS FED 11-25E	NESW	25	100S	190E	UTU-3405	14134	Federal	GW	P
4304735037	EVANS FED 13-25E	SWSW	25	100S	190E	UTU-3405	14090	Federal	GW	P
4304735043	EVANS FED 16-26E	SESE	26	100S	190E	UTU-3405	14372	Federal	GW	P
4304735063	EVANS FED 8-25E	SENE	25	100S	190E	U-43156	14089	Federal	GW	P
4304735064	EVANS FED 6-25E	SENW	25	100S	190E	U-43156	14135	Federal	GW	P
4304735065	EVANS FED 9-25E	NESE	25	100S	190E	UTU-3405	13983	Federal	GW	P
4304735102	EVANS FED 2-25E	NWNE	25	100S	190E	U-43156	13956	Federal	GW	P
4304737451	WHB 13-26E	SWSW	26	100S	190E	UTU-3405	16058	Federal	GW	P
4304738869	LOVE 4-20G	NWNW	20	110S	210E	UTU-076040	16249	Federal	GW	DRL
4304739064	UTE TRIBAL 2-11H	NENW	11	110S	200E	14-20-H62-5611	16072	Indian	GW	DRL

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

api	well_name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304731777	STATE 4-36E	NWNW	36	100S	190E	ML-42175	11186	State	GW	P
4304731784	STATE 12-36E	NWSW	36	100S	190E	ML-42175	99998	State	GW	LA
4304732019	STATE 11-36E	NESW	36	100S	190E	ML-42175	11232	State	GW	P
4304732224	STATE 5-36B	SWNW	36	090S	190E	ML-45173	11363	State	GW	PA
4304732249	STATE 9-36B	NESE	36	090S	190E	ML-45173	11372	State	GW	PA
4304732316	RBU 12-2F	NWSW	02	100S	200E	ML-10716	99998	State	GW	LA
4304732404	STATE 2-36E	NWNE	36	100S	190E	ML-42175	99998	State	GW	LA
4304732405	STATE 9-36E	NESE	36	100S	190E	ML-42175	99998	State	GW	LA
4304732845	H R STATE S 22-2	SENE	02	120S	230E	ML-42215		State	GW	LA
4304732870	H R STATE S 24-2	SENE	02	120S	230E	ML-42215		State	GW	LA
4304732940	H R STATE S 42-2	SENE	02	120S	230E	ML-42215	13175	State	D	PA
4304732979	STATE 2-36E	NWNE	36	100S	190E	ML-42175	12390	State	GW	P
4304733129	STATE G 22-32	SENE	32	100S	230E	ML-47063		State	GW	LA
4304733130	H R STATE S 44-2	SESE	02	120S	230E	ML-42215		State	GW	LA
4304733169	STATE M 42-2	SENE	02	110S	230E	ML-47078		State	GW	LA
4304733173	STATE M 23-2	NESW	02	110S	230E	ML-47078		State	GW	LA
4304733174	STATE M 44-2	SESE	02	110S	230E	ML-47078		State	GW	LA
4304733175	STATE N 31-16	NWNE	16	110S	240E	ML-47080		State	GW	LA
4304733176	STATE Q 44-16	SESE	16	120S	210E	ML-47085	13134	State	D	PA
4304733181	STATE 1-36E	NENE	36	100S	190E	ML-42175	12539	State	GW	P
4304733738	STATE 1-2D	NENE	02	100S	180E	ML-26968		State	GW	LA
4304733740	STATE 9-2D	NESE	02	100S	180E	ML-13215-A		State	GW	LA
4304733837	STATE 7-36E	SWNE	36	100S	190E	ML-42175	13186	State	GW	P
4304734012	CLIFFS 15-21L	SWSE	21	110S	250E	FEE		Fee	GW	LA
4304734123	STATE 15-36E	SWSE	36	100S	190E	ML-42175	13784	State	GW	P
4304734124	STATE 9-36E	NESE	36	100S	190E	ML-42175	13760	State	GW	P
4304734241	STATE 5-36E	SWNW	36	100S	190E	ML-42175	13753	State	GW	P
4304734284	STATE 13-36E	SWSW	36	100S	190E	ML-42175	13785	State	GW	P
4304734285	STATE 6-36E	SENE	36	100S	190E	ML-42175	13370	State	GW	P
4304735089	WHB 8-36E	SENE	36	100S	190E	ML-42175	14024	State	GW	P
4304735612	WHB 14-36E	SENE	36	100S	190E	ML-42175	14759	State	GW	P
4304736292	WHB 12-36E	NWSW	36	100S	190E	ML-42175	15116	State	GW	P
4304736666	KINGS CANYON 1-32E	NENE	32	100S	190E	ML-47058	14958	State	GW	P
4304736667	KINGS CANYON 10-36D	NWSE	36	100S	180E	ML-047058	14959	State	GW	P
4304737034	AP 15-2J	SWSE	02	110S	190E	ML-36213	15778	State	GW	P
4304737035	AP 10-2J	NWSE	02	110S	190E	ML-36213	16029	State	GW	S
4304737036	AP 9-2J	NESE	02	110S	190E	ML-36213	15881	State	GW	P
4304737037	AP 8-2J	SENE	02	110S	190E	ML-36213	15821	State	GW	P
4304737038	AP 5-2J	SWNW	02	110S	190E	ML-36213	16043	State	D	PA
4304737039	AP 3-2J	NENW	02	110S	190E	ML-36213	15910	State	GW	P
4304737040	AP 2-2J	NWNE	02	110S	190E	ML-36213	99999	State	GW	DRL
4304737041	AP 1-2J	NENE	02	110S	190E	ML-36213	15882	State	GW	P
4304737659	KC 8-32E	SENE	32	100S	190E	ML-047059	15842	State	GW	P
4304737660	KC 9-36D	SESE	36	100S	180E	ML-047058	99999	State	GW	DRL
4304738261	KINGS CYN 2-32E	NWNE	32	100S	190E	ML-047059	15857	State	GW	DRL